Approved For Release 2009/07/08 : CIA-RDP69B00041R000400040018-2

# ONC J-11

EDITION 6

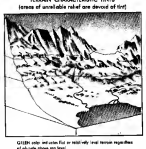
## LEGEND

### RELIEF PORTRAYAL

Elevations are in feet. Highest TERRAIN elevation is **10372** feet located at 22°18'N 103°47'E

### TERRAIN CHARACTERISTIC TINTS

(areas of unreliable relief are devoid of tint)



GREEN indicates flat or relatively level terrain regardless of relative above sea level

### CONTOUR INTERVAL

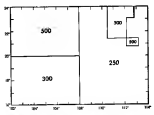
1000 feet

Dashed contours indicate approximate not of

### SPOT ELEVATIONS

Maximum vertical error: 100 feet ..... ±0000

Maximum possible vertical error as noted in diagram ..... ±0000




Cultural elevation ..... ±0300

Lake and stream elevation ..... 200

### MAXIMUM ELEVATION DATA

Maximum elevation figures contained in the area bounded by dotted lines of longitude and latitude indicate the HIGHEST TERRAIN ELEVATION within that area, BUT DO NOT INCLUDE ELEVATIONS OF VERTICAL OBSTRUCTIONS.

3100 feet ..... 31 4000 feet (not included) ..... 61

### CULTURE

Dual lane road .....

Other roads .....

Track or trails .....

Multiple track R.R. .....

Single track R.R. .....

Power transmission line .....

### PICTORIAL SYMBOLIZATION

A black square indicates location

### AERONAUTICAL INFORMATION

Major aerodromes .....

Airfields paved and 4000 feet minimum strip is shown at 1:500,000 scale. Center of circle represents true position of airfield

Major aerodromes runway pattern not available ..... O

Minor aerodromes ..... O

Seaplane base ..... ⊕

Major aerodromes paved have a total airline runway length of 3000 feet or more. Minor airfields paved have a total airline runway length of 3000 feet or more. When runway pattern is not shown, airfield indicates the more reliable length of longest runway by natural boundary of field. Approximate elevation rise in feet above sea level

Vertical obstructions .....

Vertical obstructions with landmark significance .....

Numerals adjacent to obstruction symbols indicate elevation of top of obstruction above mean sea level. Numerals in parentheses indicate height above ground

RESTRICTED AREAS

DANGER, RESTRICTED OR WARNING AREA

CAUTION AREAS

NUMBERS INDICATE INTERNATIONALLY RECOGNIZED NUMERICAL IDENTIFICATION

### NOTES

The representation of International boundaries on this chart is not necessarily authoritative

Divisions of Inshore Sovereignty (land areas only) .....

### THE CONTOUR EVALUATION OVERPRINT

The Contour Evaluation Overprint represents a graphic indication of "vertical accuracy" based on a comparison of the contour information on this chart with the most reliable source material available. This "figure" shown on the overprint includes vertical error caused by horizontal displacement only when in excess of 3 nautical miles. This overprint DOES NOT INCLUDE AN EVALUATION OF SPOT ELEVATIONS which are generally of a higher order of accuracy than contours. The accuracy of spot elevations is contained in the upper left margin.

KEY TO VERTICAL ACCURACY ANNOTATIONS

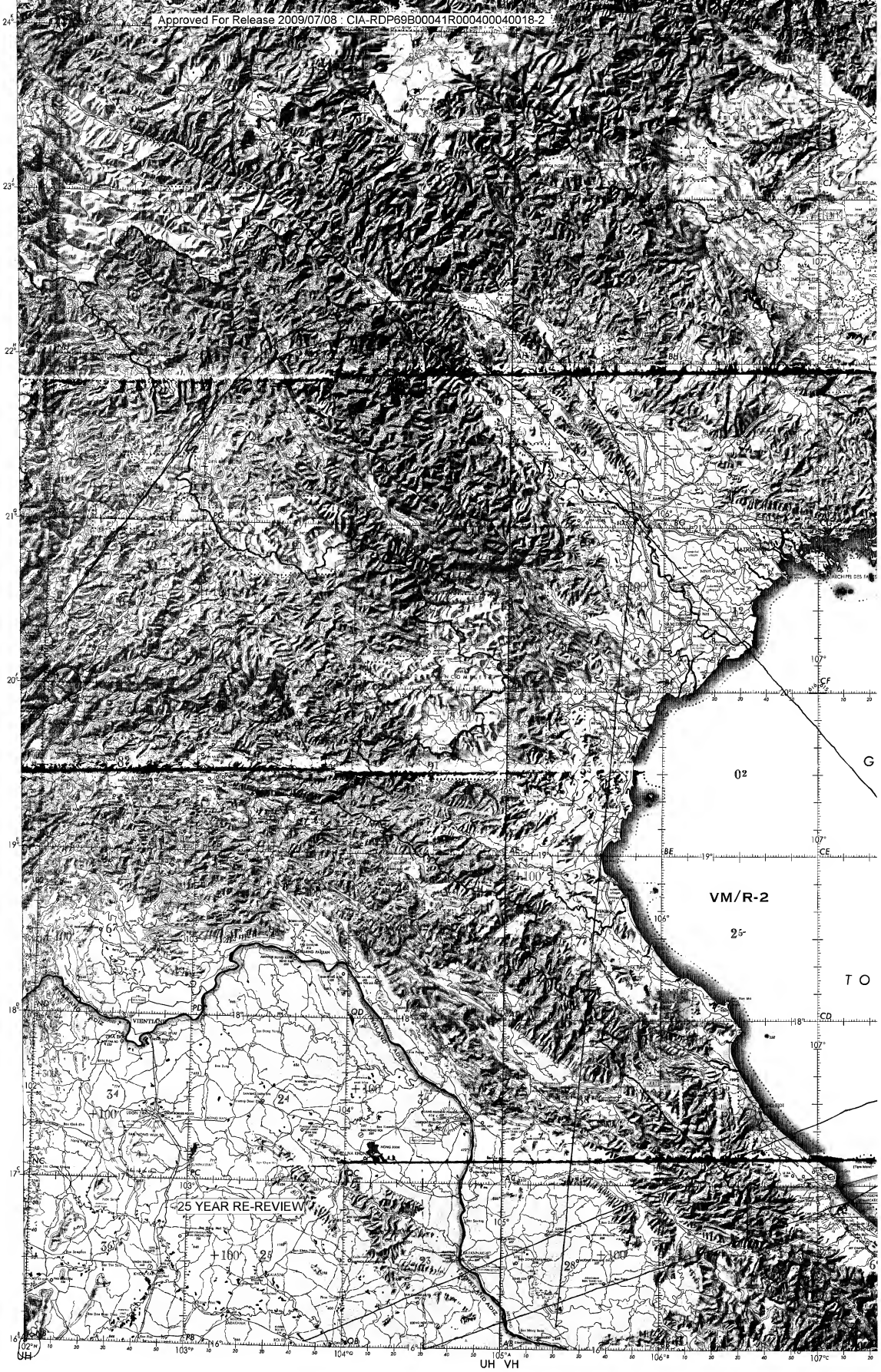
+500' This figure must be added to the heights as indicated by the contour values shown on the chart to obtain the maximum possible elevation for any selected point.

500' Boxed figure indicates the highest possible ground elevation within the delineated area. No contours are shown in these areas.

**CAUTION**

ALL INFORMATION CURRENT THROUGH 31 JANUARY 1967

Consult NOTAMS and Flight Information Publications for the latest aeronautical information, the DOD Aeronautical Chart Updating Manual (in ERT Chart Aeronautical Document) for other chart revision information




# ONC J-11

CHINA, HONG KONG AND THE NEW TERRITORIES, LAOS, MACAO, THAILAND, VIETNAM

SCALE 1:1,000,000

COMPILED FROM MAPS AND INTELLIGENCE SOURCES CURRENT THROUGH 31 JANUARY 1967 (EXCEPT HIGH WARS AND INTERCONTINENTAL INFORMATION AVAILABLE AS OF DECEMBER 1966

Lithographed by AOC 2-67

EDITION 6

UNITS OF LOCAL MAGNETIC VARIATION FOR 1965 (Annual rate of change) (decrease for Polaris Variation) (increase for Polaris Variation)

EDITION 5 of ONC J-11 is obsolete

INDEX TO ADJOINING SHEETS

| | | |
|---|---|---|
| H-10 | H-11 | H-12 |
| J-10 | J-11 | J-12 |
| K-9 | K-10 | K-11 |

World Aeronautical Charts are shown on the above index as a reference aid. The shading relationship is also carried in the body of this chart by series title and chart numbers.

ELEVATIONS IN FEET

CONVERSION OF ELEVATIONS

FEET (Decimal) 0 1 2 3 4 5 6 7 8 9 10

METERS (Decimal) 0 1 2 3 4 5 6 7 8 9 10

NAUTICAL MILES 0 10 20 30 40 50 60

KILOMETERS 0 10 20 30 40 50 60 70 80 90 100

STATUTE MILES

OPERATIONAL NA

1:1,0

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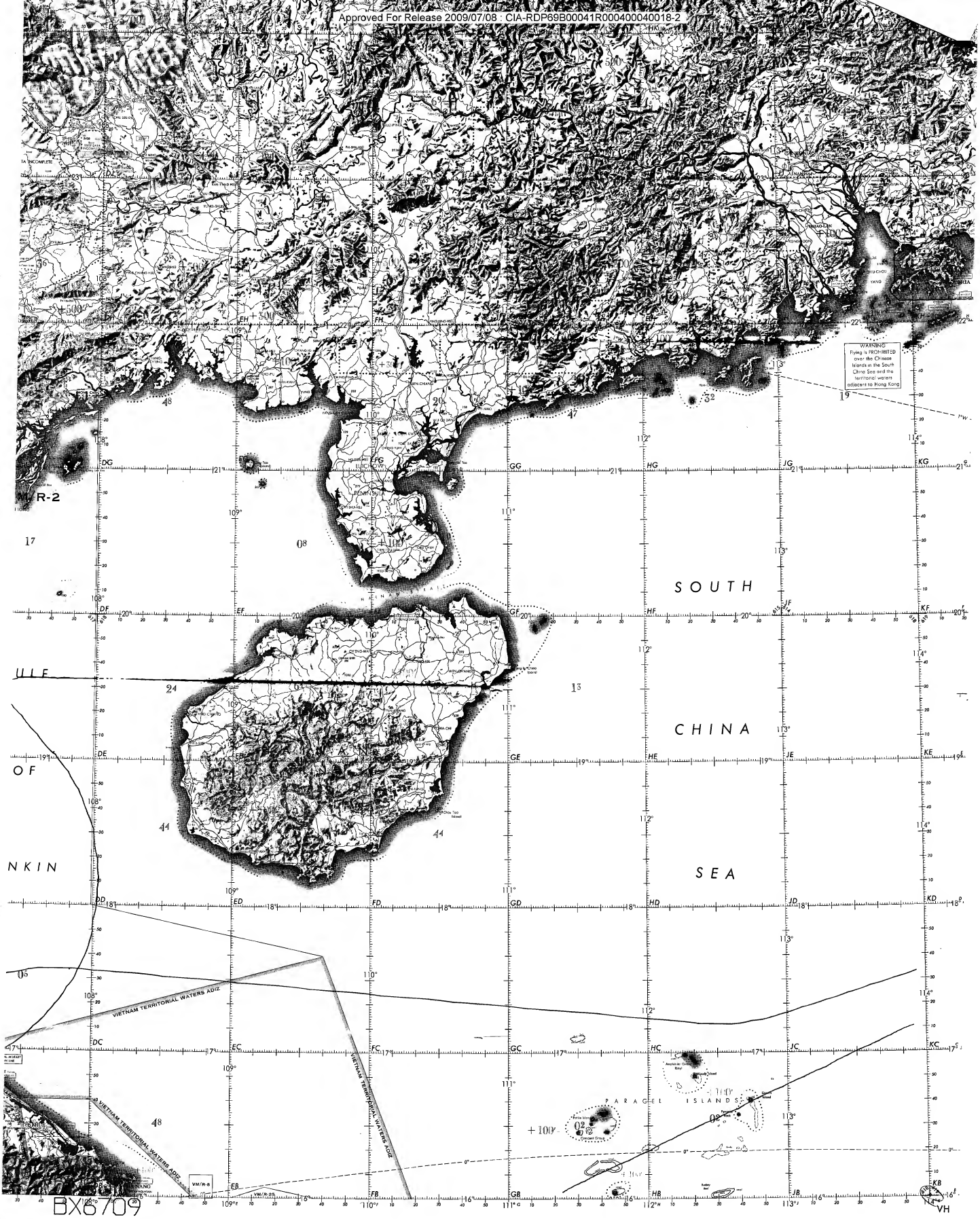
Approved For Release 2009/07/08 : CIA-RDP69B00041R000400040018-2


WARNING
Flying is PROHIBITED over the Chinese Islands in the South China Sea and the territorial waters adjacent to Hong Kong
SOUTH
CHINA
SEA
OF
NKIN
VIETNAM TERRITORIAL WATERS ADIZ
PARACEL ISLANDS
Amphitrite Bay
Crescent Group
Triton Island
Lincoln Island
Duncan Island
Robert Island
Pattle Island
Drummond Island
Money Island
Rocky Island
Tree Island
Boat Island
Chow Tao Island
Cheng Chau Island
Ping Chau Island
Ha Mei Island
Ha Pak Island
Ha Pak Island
Ha Pak

Approved For Release 2009/07/08 : CIA-RDP69B00041R000400040018-2

# ONC J-11

EDITION 6

## LEGEND

### RELIEF PORTRAYAL

Elevations are in feet. HIGHEST TERRAIN elevation is **10312** feet located at 22°18'N 103°47'E

TERRAIN CHARACTERISTIC TINTS (areas of unreliable relief are devoid of tint)

GREEN color indicates flat or relatively low terrain regardless of altitude above sea level

CONTOUR INTERVAL

1000 feet

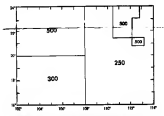
Basic

Dashed contours indicate approximate relief

SPOT ELEVATIONS

Maximum restricted spot 100 feet ..... 2000

Maximum possible restricted spot as noted in chapter ..... 4000



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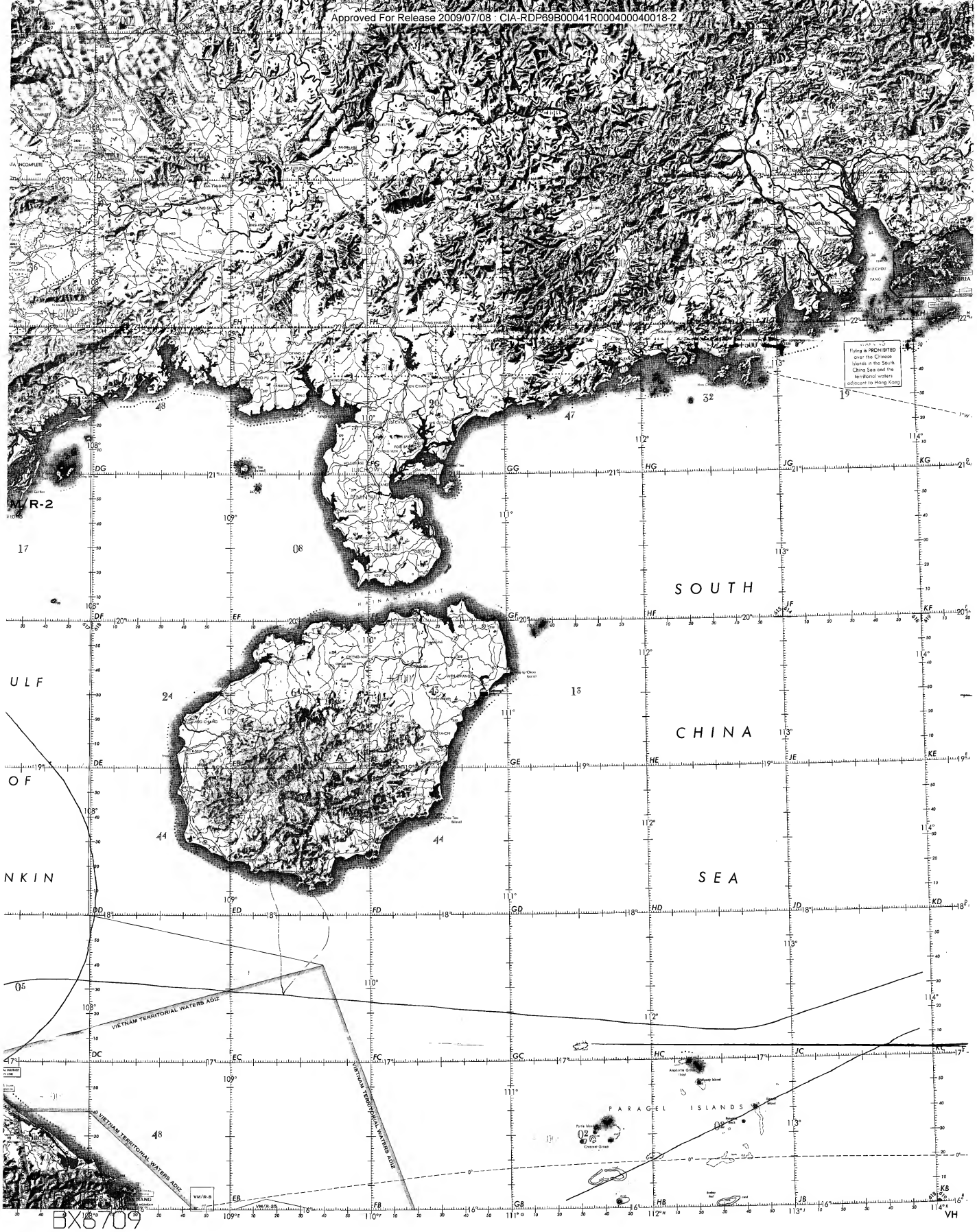


BX6709

PUBLISHED BY THE AERONAUTICAL CHART AND INFORMATION CENTER
UNITED STATES AIR FORCE
ST. LOUIS, MO. 63118

BX6709

ELEVATIONS IN FEET

.VIGATION CHART
0,000

Lambert Conformal Conic Projection
Standard Parallels 17°30' and 33°40'
Convergence Factor .34264

ONC J-11

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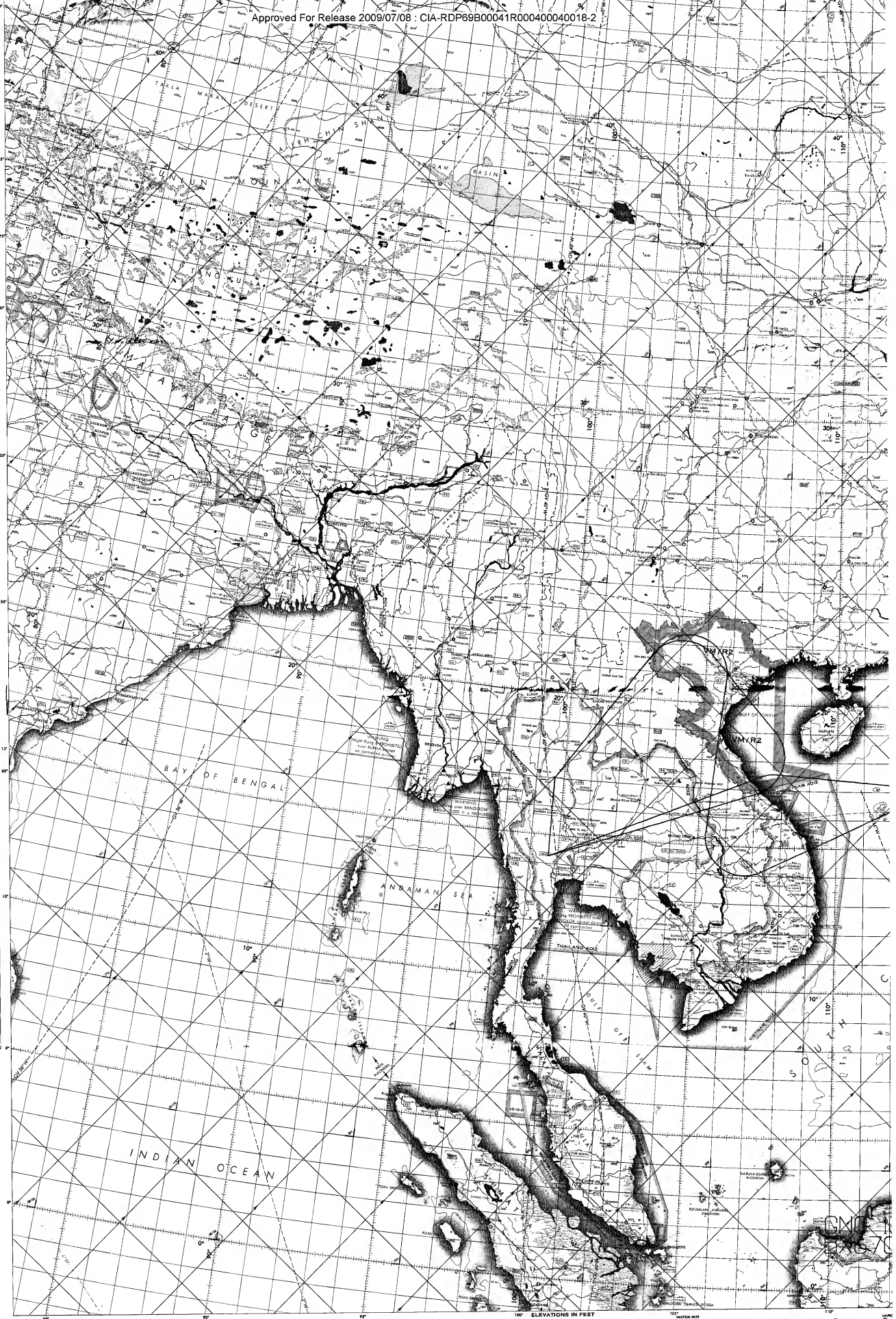
Approved For Release 2009/07/08 : CIA-RDP69B00041R000400040018-2

GNC-13N



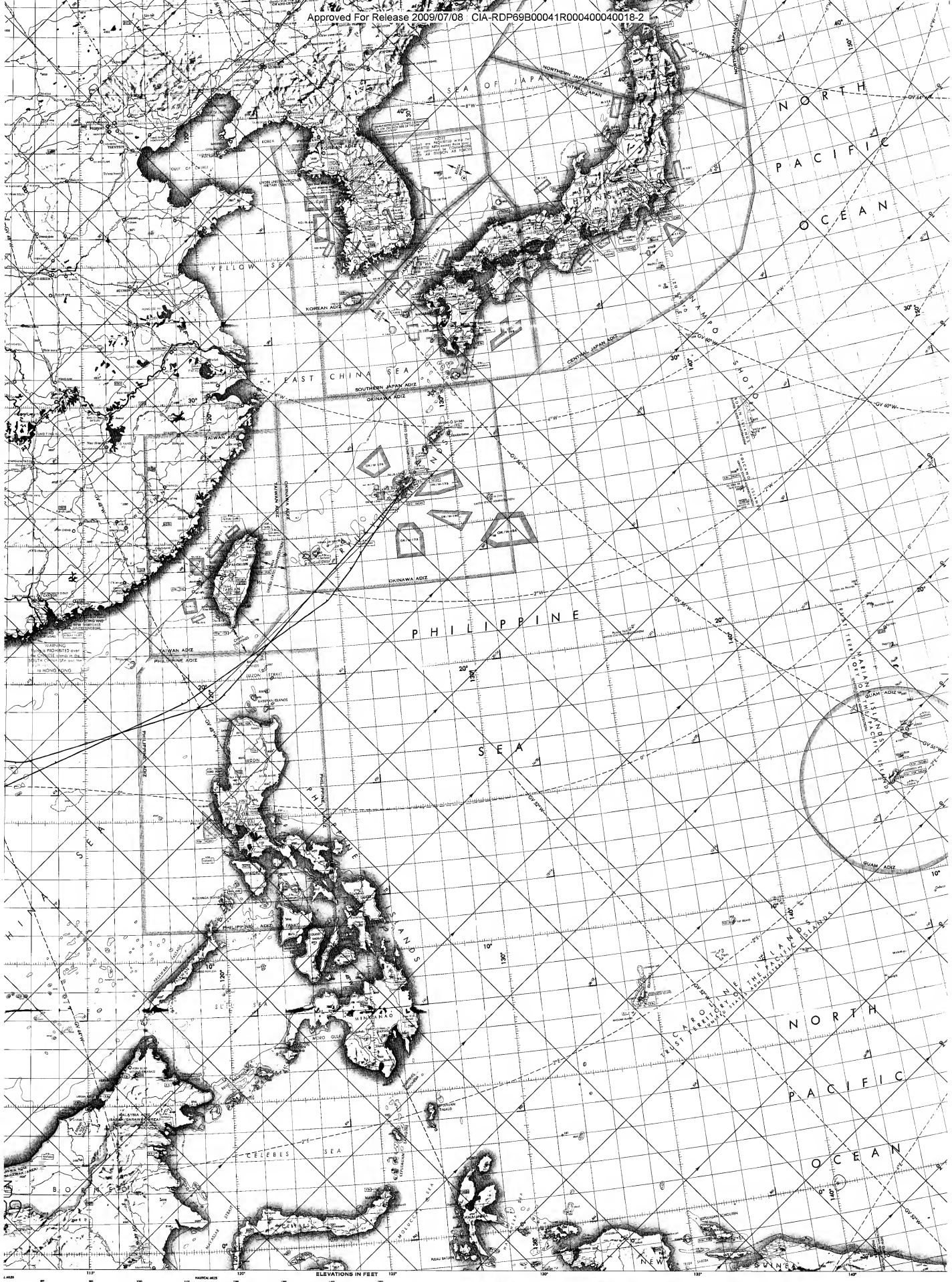

PUBLISHED BY THE AERONAUTICAL CHART AND INFORMATION CENTER
UNITED STATES AIR FORCE
ST. LOUIS, MO. 63118

Lambert Conformal Conic Projection, Standard Parallels 7°40' and 30°20' scale 1:5,000,000
Convergence Factor .39560

GNC-13N

Approved For Release 2009/07/08 : CIA-RDP69B00041R000400040018-2

Approved For Release 2009/07/08 : CIA-RDP69B00041R000400040018-2




N AND PLANNING CHART

PORT FACILITIES
Imports planners may obtain complete detailed information on port facilities and freight handling capacities for shipping in H. O. Pub. No. 150 World Port Index (UNCLS) published by the U. S. Naval Oceanographic Office

INDEX TO ALL COVERAGES

INDEX TO GNC SERIES

CAUTION
AIR INFORMATION CURRENT THROUGH
16 SEPTEMBER 1966
Aeronautical information is subject to frequent changes. The rate of change of air information is greater than that of other aeronautical charts. Consult NOTAMS and USAF/USN Flight Information Publications for the latest air information. The Chart Updating Manual for other aeronautical information.

AIR EDITION
Lines of equal magnetic are valid for 1966

# SOUTHEAST ASIA GNC-13N

SCALE 1:5,000,000

8th EDITION (1 GNC-13N
1 sheet)
BASE DATA
FROM ARC INFORMATION COMPILED APRIL 1965
FROM AGENCY DATED SEPTEMBER 1965 TO APRIL 1966
REVISED SEPTEMBER 1966
FROM AGENCY DATED SEPTEMBER 1966
FROM AGENCY DATED SEPTEMBER 1966
Compiled by ACIC
Designated by ACIC Pub

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START

BX-6709

ROUTE #9

FS-#13 19 July '67

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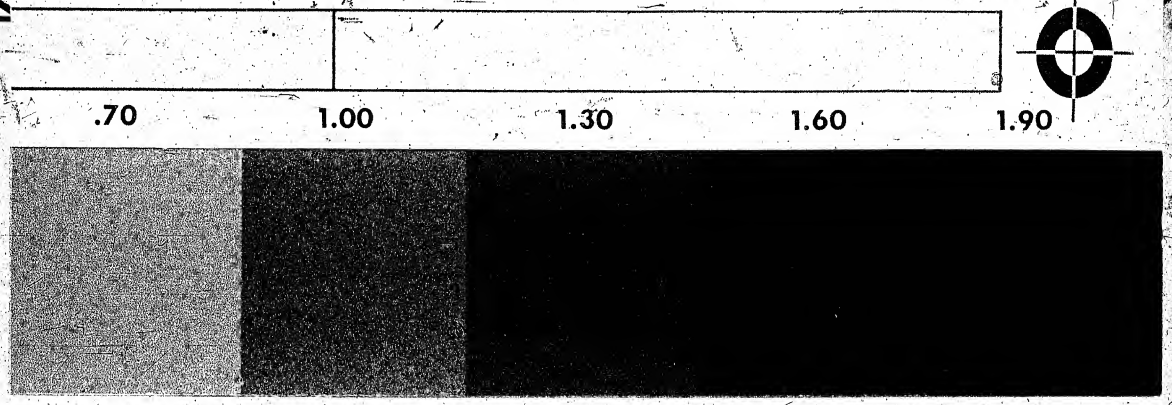
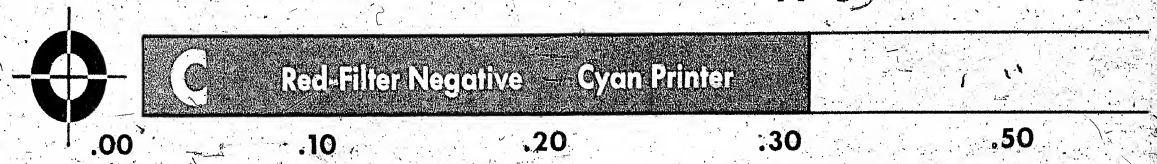
Approved For Release 2009/07/08 : CIA-RDP69B00041R000400040018-2

# AY SCALE

SERIES V




# KODAK GR

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Approved For Release 2009/07/08 : CIA-RDP69B00041R000400040018-2

TOP SECRET

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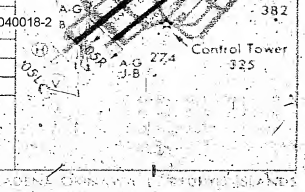
Approved For Release 2009/07/08 : CIA-RDP69B00041R000400040018-2

| | | |
|---|---|---|
| Str-in-ILS | 342 MSL | 200 - or RVR 24 |
| Str-in-TACAN | 400 MSL | 300-1 |
| * Circling | 800 MSL | 700-1 |

*Circling to East only.




TACAN/ILS-RWY 05-1 26°21'N-127°46'E

KADENA AB

# KADENA

# START

**ROUTE** RT 9

BX 6709

FS 13

**STRIP**

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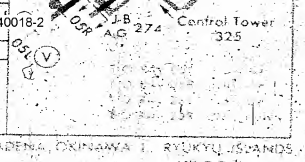
Approved For Release 2009/07/08 : CIA-RDP69B00041R000400040018-2

| | | |
|---|---|---|
| Str-in-ILS | 342 MSL | 200-½ or RVR 24 |
| Str-in-TACAN | 400 MSL | 300-1 |
| ✻ Circling | 800 MSL | 700-1 |

✻ Circling to East only.




TACAN/ILS-RWY 05-2 26°21'N-127°46'E

101

KADENA, OKINAWA I. RYUKYU ISLANDS

KADENA, AB

# KADENA

KADENA

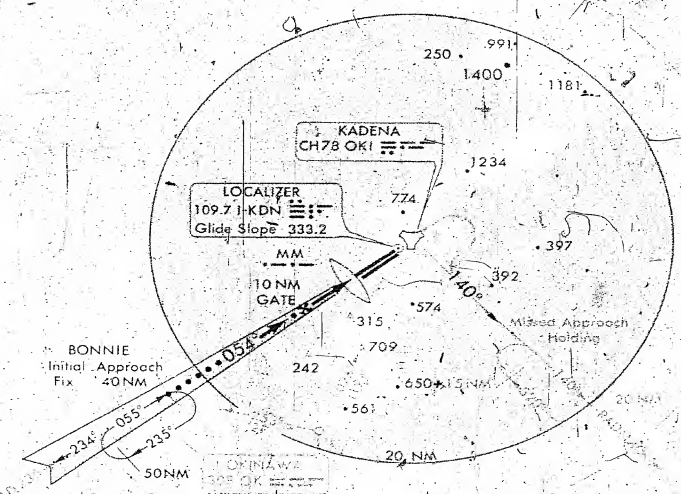
TACAN/ILS-RWY 05-1

100

KADENA AB

KADENA, OKINAWA I. RYUKYU ISLANDS

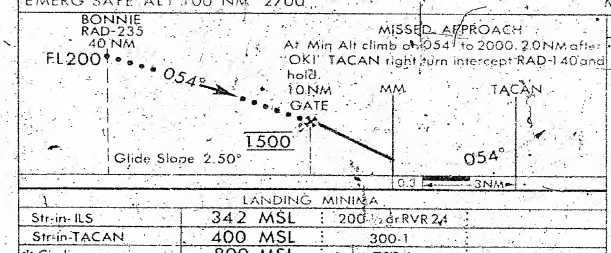
OKINAWA APP CON
255.4 131.9
KADENA TOWER
315.8 236.6 126.2
GND CON
275.8
PAR/ASR




TA 18,000

EMERG SAFE ALT 100 NM 2700

MIN SAFE ALT 25 NM 2600

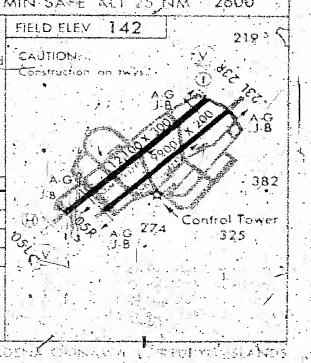



MISSED APPROACH

At Min Alt climb on 054° to 2000. 2.0 NM after "OKI" TACAN right turn intercept RAD-140 and hold.

FIELD ELEV 142

CAUTION:
Construction on twy.




| LANDING MINIMA | | |
|---|---|---|
| Str-in-ILS | 342 MSL | 200-½ or RVR 24 |
| Str-in-TACAN | 400 MSL | 300-1 |
| ✻ Circling | 800 MSL | 700-1 |

✻ Circling to East only.

TACAN/ILS-RWY 05-1 26°21'N-127°46'E

KADENA, OKINAWA I. RYUKYU ISLANDS

KADENA AB

# KADENA

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TA 18,000
EMERG SAFE ALT 100 NM 2700
MIN SAFE ALT 25 NM 2600

MISSED APPROACH
At TACAN climb on 243° to 2000. At 5.0 NM after TACAN left turn to intercept RAD-140 and hold.

KATHY RAD-063 15 NM FL200
8 NM GATE 2000
TACAN
243°

FIELD ELEV 142
CAUTION
Construction on twys
Control Tower 325

| LANDING MINIMA | | |
|---|---|---|
| Str-in-ILS | 600 MSL | 300-1 |
| Circling* | 800 MSL | 700-1 |

* Circling to East only.

TACAN-RWY 23-3 26°21'N-127°46'E KADENA AB

99

# KADENA

# KADENA

TACAN/ILS-RWY 05-2 JAN 1957 (USAF) KADENA AB
KADENA, OKINAWA I., RYUKYU ISLANDS

OKINAWA APP CON 295.4 131.9
KADENA TOWER 315.8 236.6 126.2
GND CON 275.8
PAR/ASR

LOCALIZER 109.7 I-KDN Glide Slope 333.2
KADENA CH78 OKI
LINDA Initial Approach Fix 15 NM
ILS course 054°
10 NM GATE
Missed Approach Holding
MM
RAD-270 RAD-250 RAD-235
MIYAKO JIMA
OKINAWA 228 OK
FEEDER FACILITIES
HIGH ALTITUDE FACILITIES

TA 18,000
EMERG SAFE ALT 100 NM 2700
MIN SAFE ALT 25 NM 2600

Left turn remain within 30 NM
LINDA RAD-270 15 NM
12,000 270° FL200
RAD-250 20 NM
RAD-235 13 NM
4000 095° 054°
2000
10 NM GATE
MM
TACAN
Glide Slope 2.50°
1500
054°
0.3 3.0 NM

MISSED APPROACH
At Min Alt climb on 054° to 2000. 20 NM after TACAN right turn intercept RAD-140 and hold.

FIELD ELEV 142
CAUTION
Construction on twys
Control Tower 325

| LANDING MINIMA | | |
|---|---|---|
| Str-in-ILS | 342 MSL | 200-½ or RVR 24 |
| Str-in-TACAN | 400 MSL | 300-1 |
| Circling* | 800 MSL | 700-1 |

* Circling to East only.

TACAN/ILS-RWY 05-2 26°21'N-127°46'E KADENA, OKINAWA I., RYUKYU ISLANDS KADENA AB

101

# KADENA

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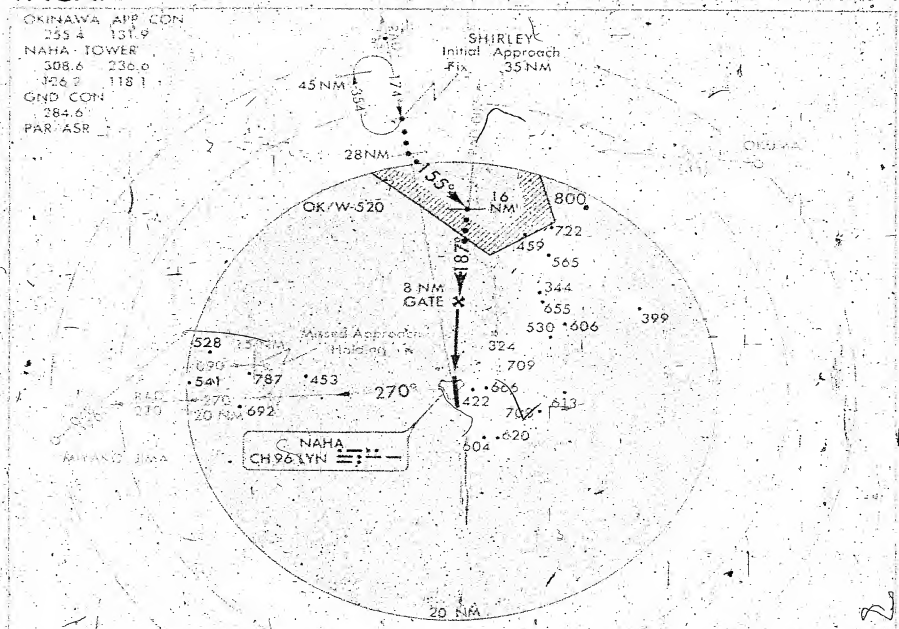
# NAHA

TACAN-RWY 18 — 156 — NAHA AB

NAHA, OKINAWA I. RYUKYU IS

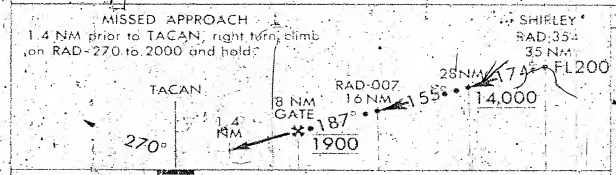
OKINAWA APP CON
255.4 151.9
NAHA TOWER
308.6 236.0
126.2 118.1
GND CON
284.6
PAR ASR



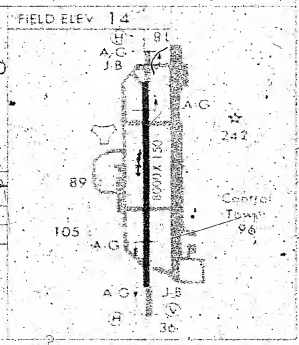

TA 18,000

EMERG SAFE ALT 100 NM 2700 — MIN SAFE ALT 25 NM 2200

MISSED APPROACH
1.4 NM prior to TACAN, right turn, climb on RAD-270 to 2000 and hold.




FIELD ELEV 14




| LANDING MINIMA | | |
|---|---|---|
| Straight-in | 400 MSL | 400-1 |
| Circling * | 600 MSL | 600-1 |

* Circling to West only

TACAN-RWY 18 — 26°11'N-127°39'E — NAHA, OKINAWA I. RYUKYU IS — NAHA AB

NAHA

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LANDING MINIMA

| | | |
|---|---|---|
| Str-in-ILS | | |
| Str-in-TACAN | 500 MSL | 500-1 |
| Str-in-LOC | 400 MSL | 400-1 |
| Circling * | 600 MSL | 600-1 |

*Circling to West only

TACAN/ILS-RWY 36-2 26°11'N-127°39'E

NAHA AB

# NAHA

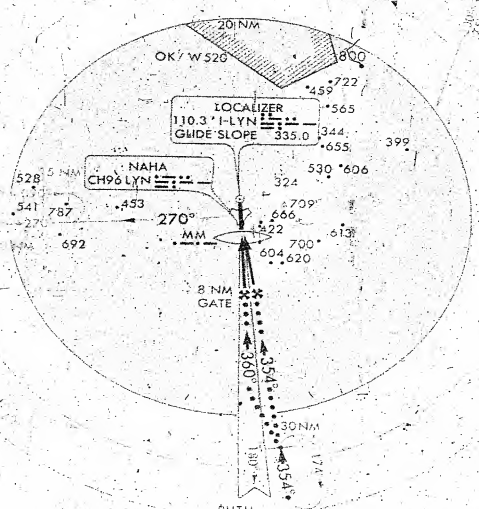
# NAHA

## TACAN/ILS RWY 36-1

NAHA AB

NAHA, OKINAWA I., RYUKYU IS.

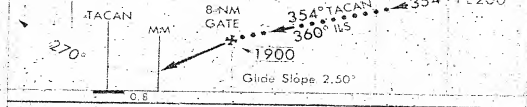
OKINAWA APP CON
255.4 131.9
NAHA TOWER
308.6 236.6
126.2 118.1
GND CON
284.6
PAR ASR




TA 18,000
EMERG SAFE ALT 100 NM 2700

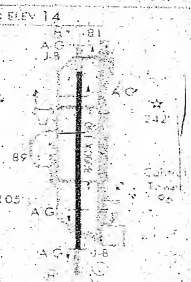
MIN SAFE ALT 25 NM 2200

MISSED APPROACH
1.7 NM prior to TACAN left turn, climb on RAD 270 to 2000 and hold.




RUTH
RAD-174
30 NM 40 NM
354° FL200

FIELD ELEV 14




LANDING MINIMA

| | | |
|---|---|---|
| Str-in-ILS | 314 MSL | 300-1 |
| Str-in-TACAN | 500 MSL | 500-1 |
| Circling * | 600 MSL | 600-1 |
| Str-in-LOC | 400 MSL | 400-1 |

*Circling to West only

TACAN/ILS RWY 36-1 26°11'N-127°39'E

157

NAHA AB

# NAHA

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Approved For Release 2009/07/08 : CIA-RDP69B00041R000400040018-2

* Circling to East only.

TACAN to Missed Approach 0.5 NM

| Knots | 120 | 140 | 160 | 180 | 200 |
|---|---|---|---|---|---|
| Min:Sec | 0:15 | 0:13 | 0:12 | 0:10 | 0:09 |

TACAN-1

15°11'N-120°33'E

53

LUZON I. REP. OF THE PHILIPPINES

CLARK AB

# CLARK

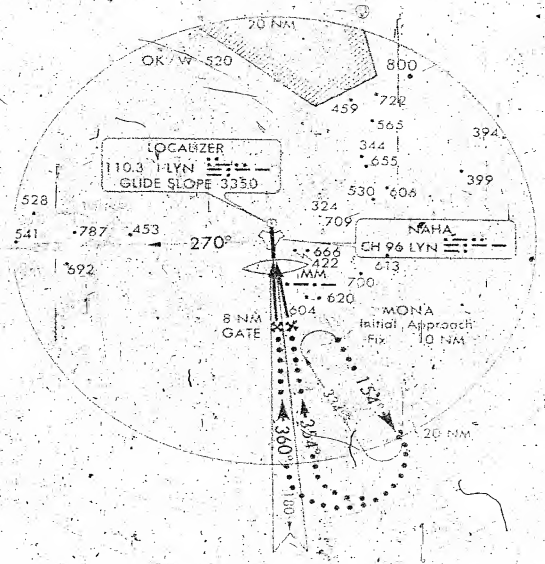
# NAHA

TACAN/ILS-RWY 36-2

158

NAHA AB

NAHA APP CON
NAHA TOWER
GND CON
PAR/ASR




TA 18,000
EMERG SAFE ALT 100 NM 2700

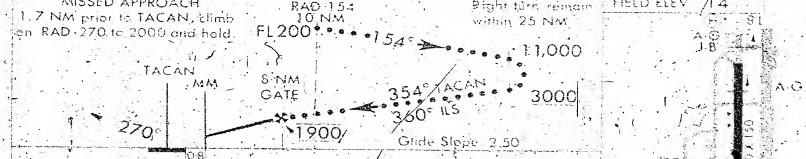
MIN SAFE ALT 25 NM 2200

MISSED APPROACH
1.7 NM prior to TACAN, climb on RAD 270 to 2000 and hold.

MONA
RAD 154
10 NM

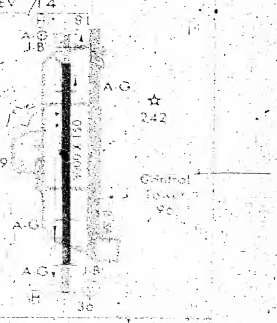
Right turn remain within 25 NM

FIELD ELEV 14




| LANDING MINIMA | | |
|---|---|---|
| Str-in-ILS | 314 MSL | 300-1 |
| Str-in-TACAN | 500 MSL | 500-1 |
| Str-in-LOC | 400 MSL | 400-1 |
| Circling * | 600 MSL | 600-1 |

* Circling to West only




TACAN/ILS-RWY 36-2

26°11'N-127°39'E

NAHA AB

# NAHA

Approved For Release 2009/07/08 : CIA-RDP69B00041R000400040018-2

Approved For Release 2009/07/08 : CIA-RDP69B00041R000400040018-2

| | | |
|---|---|---|
| Str-in-ILS | 700 MSL | 200-½ |
| Str-in-TACAN | 900 MSL | 400-1 |
| Circling ✻ | 1000 MSL | 500-1 |
| Str-in-LOC | 800 MSL | 300-1 |

✻Circling to East only.

TACAN-2/ILS

15°11'N-120°33'E

CLARK AB

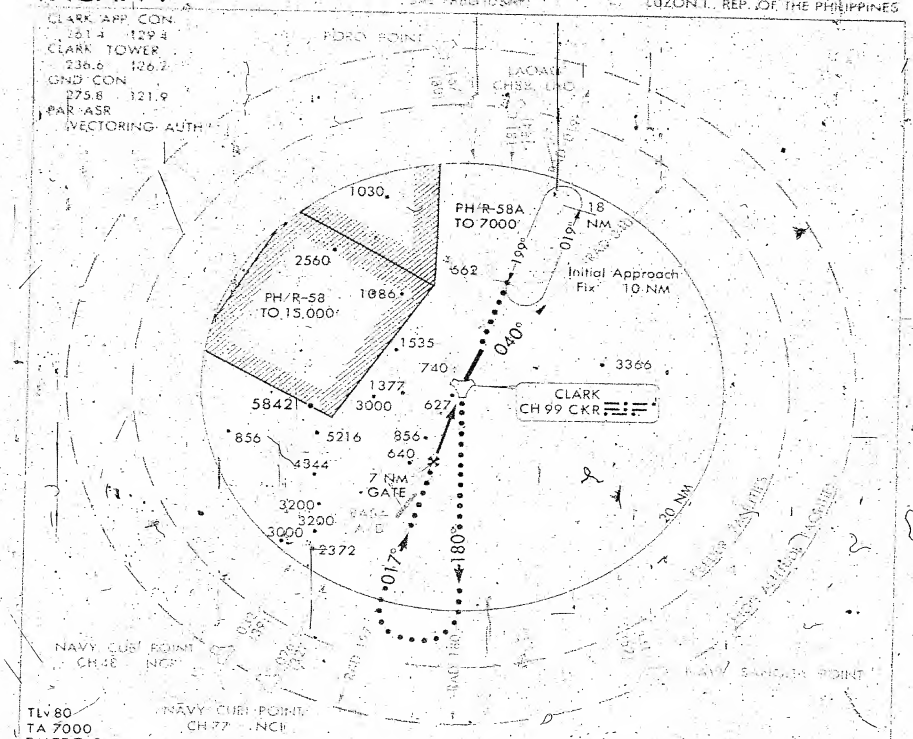
# CLARK

# CLARK

TACAN-1

CLARK AB

LUZON I., REP. OF THE PHILIPPINES




LANDING MINIMA

| | | |
|---|---|---|
| Straight-in | | |
| Circling ✻ | 1000' MSL | 500-1 |

✻Circling to East only.

TACAN to Missed Approach 0.5 NM

| Knots | 120 | 140 | 160 | 180 | 200 |
|---|---|---|---|---|---|
| Min Sec | 0:15 | 0:13 | 0:12 | 0:10 | 0:09 |

TACAN-1

15°11'N-120°33'E

LUZON I., REP. OF THE PHILIPPINES

CLARK AB



# CLARK

Approved For Release 2009/07/08 : CIA-RDP69B00041R000400040018-2

| | | |
|---|---|---|
| Str-in-ILS | 700 MSL | 200-½ |
| Str-in-TACAN | 900 MSL | 400-1 |
| Circling * | 1000 MSL | 500-1 |
| Str-in-LOC | 800 MSL | 300-1 |

* Circling to East only.

Approved For Release 2009/07/08 : CIA-RDP69B00041R000400040018-2

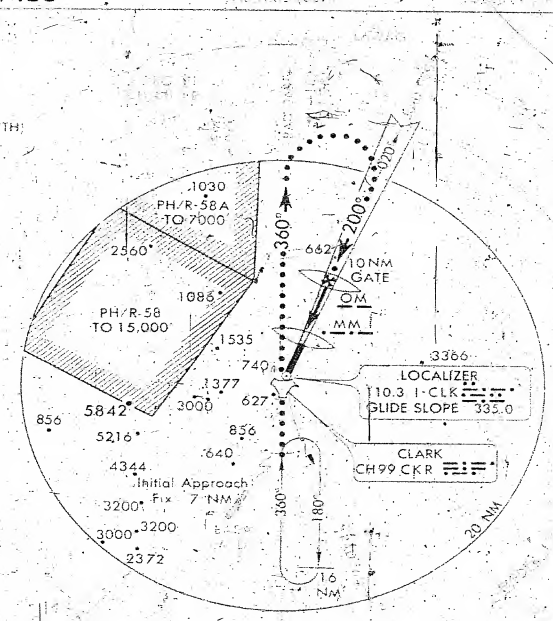
TACAN-3/ILS 15°11'N-120°33'E 55 CLARK AB

# CLARK

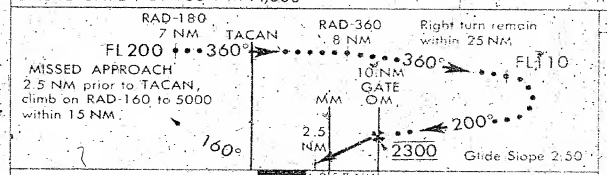
# CLARK

TACAN-2/ILS 54 CLARK AB

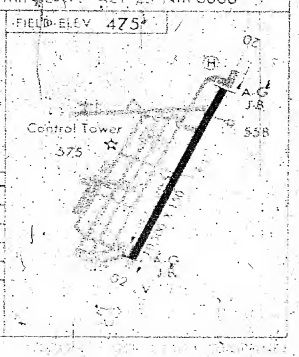
CLARK APP CON
201.4 129.4
CLARK TOWER
236.6 126.2
GND CON
275.8 121.9
PAR/ASR
(VECTORING AUTH)




TLv 80
TA 7000
EMERG SAFE ALT 100 NM 11,600 MIN SAFE ALT 10 NM 6800




FIELD ELEV 475




| LANDING MINIMA | | |
|---|---|---|
| Str-in-ILS | 700 MSL | 200-½ |
| Str-in-TACAN | 900 MSL | 400-1 |
| Circling * | 1000 MSL | 500-1 |
| Str-in-LOC | 800 MSL | 300-1 |

* Circling to East only.

TACAN-2/ILS 15°11'N-120°33'E CLARK AB

# CLARK

Approved For Release 2009/07/08 : CIA-RDP69B00041R000400040018-2

Approved For Release 2009/07/08 : CIA-RDP69B00041R000400040018-2

LANDING MINIMA

| | |
|---|---|
| Straight-in | 1000 MSL 500-1 |
| Circling* | |

* Circling to East only.

TACAN to Missed Approach 0.5 NM

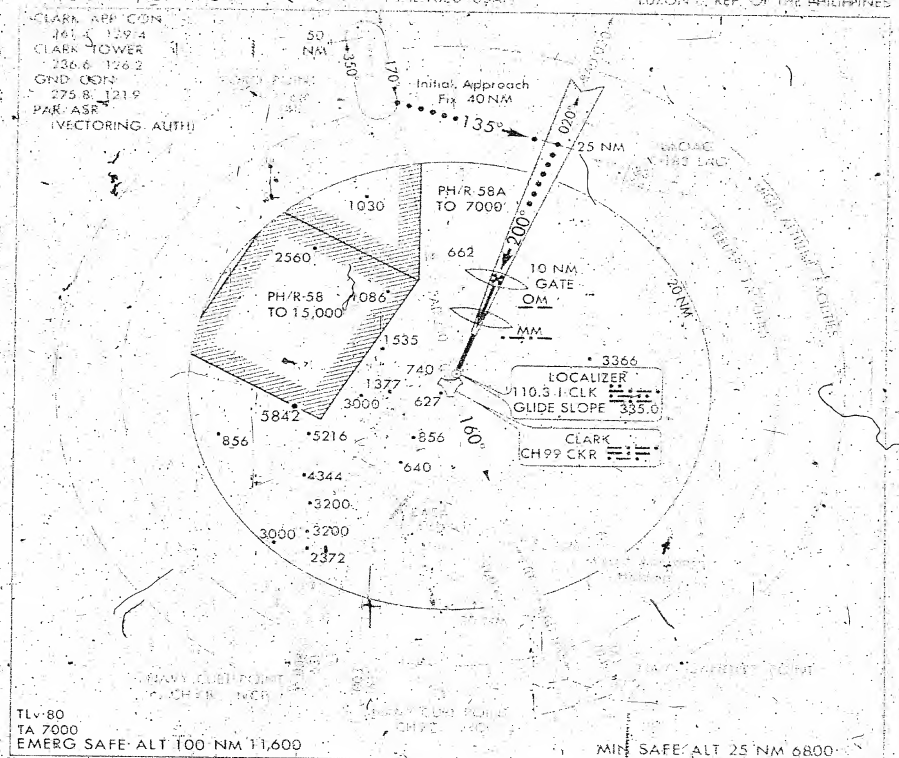
| Knots | 20 | 140 | 160 | 180 | 200 |
|---|---|---|---|---|---|
| Min:Sec | 0:15 | 0:13 | 0:12 | 0:10 | 0:09 |

TACAN-4 15°11'N-120°33'E LUZON I. REP. OF THE PHILIPPINES CLARK AB

# CLARK

# CLARK

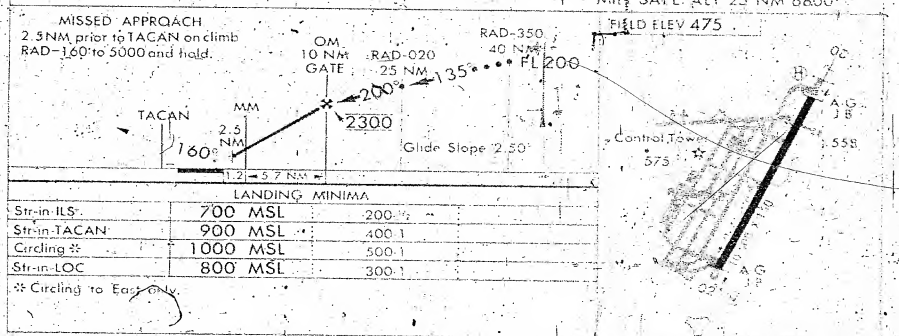
TACAN-3/ILS (AL-1820 (USAF)) LUZON I. REP. OF THE PHILIPPINES CLARK AB




TLV-80
TA 7000
EMERG SAFE ALT 100 NM 11,600

MIN SAFE ALT 25 NM 6800

MISSED APPROACH
2.5 NM prior to TACAN on climb
RAD-160 to 5000 and hold.




LANDING MINIMA

| | | |
|---|---|---|
| Str-in-ILS | 700 MSL | 200-½ |
| Str-in-TACAN | 900 MSL | 400-1 |
| Circling* | 1000 MSL | 500-1 |
| Str-in-LOC | 800 MSL | 300-1 |

* Circling to East only.

TACAN-3/ILS 15°11'N-120°33'E LUZON I. REP. OF THE PHILIPPINES CLARK AB



# CLARK

Approved For Release 2009/07/08 : CIA-RDP69B00041R000400040018-2

Approved For Release 2009/07/08 : CIA-RDP69B00041R000400040018-2

LANDING MINIMA

| | | |
|---|---|---|
| Straight-in | 500 MSL | 400-1 |
| Circling * | 600 MSL | 500-1 |

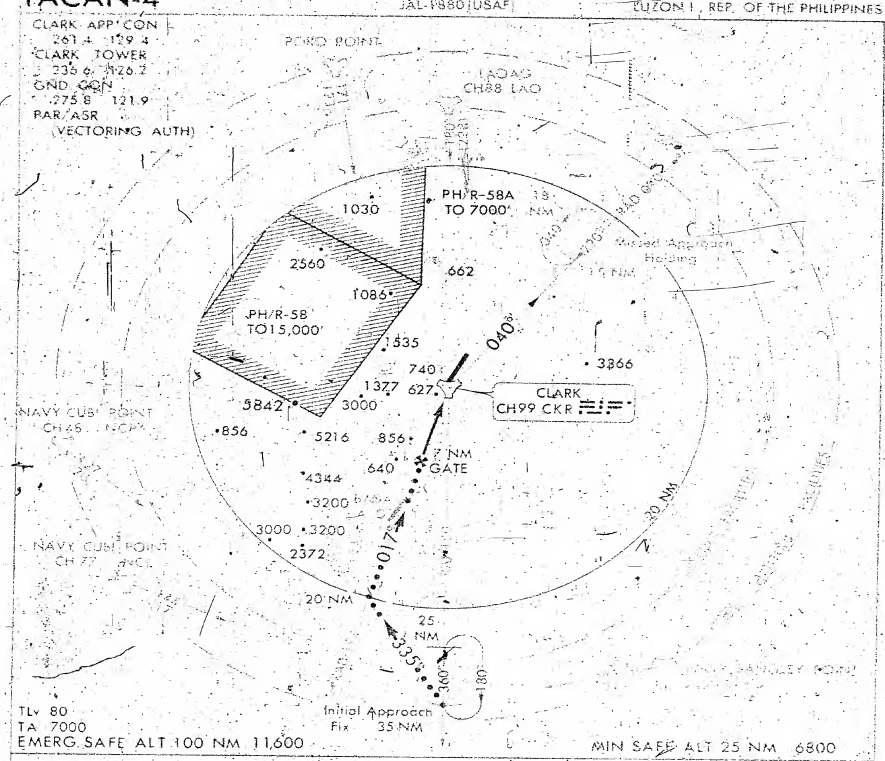
* Circling to Northwest only

TACAN 25°03'N-121°14'E TAO-YUAN A D

# TAOYUAN

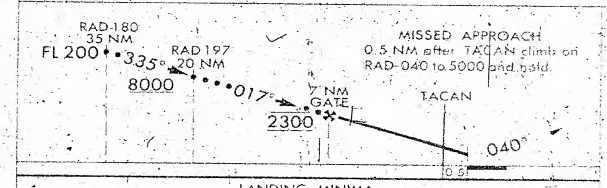
# CLARK

TACAN-4 56 (AL-1880 (USAF) CLARK A B LUZON I., REP. OF THE PHILIPPINES



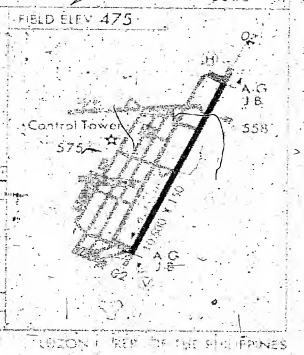

TLv 80
TA 7000
EMERG SAFE ALT 100 NM 11,600

MIN SAFE ALT 25 NM 6800




MISSED APPROACH
0.5 NM after TACAN climb on RAD-040 to 5000 and hold.

FIELD ELEV 475




LANDING MINIMA

| | | |
|---|---|---|
| Straight-in | | |
| Circling * | 1000 MSL | 600-1 |

* Circling to East only

TACAN to Missed Approach 0.5 NM

| Knots | 20 | 140 | 160 | 180 | 200 |
|---|---|---|---|---|---|
| Min:Sec | 0:15 | 0:13 | 0:12 | 0:10 | 0:09 |

TACAN-4 15°11'N-120°33'E LUZON I., REP. OF THE PHILIPPINES CLARK A B

# CLARK

Approved For Release 2009/07/08 : CIA-RDP69B00041R000400040018-2

Approved For Release 2009/07/08 : CIA-RDP69B00041R000400040018-2

| LANDING MINIMA | | |
|---|---|---|
| Straight-in | 400 MSL | 300-1 |
| Circling | NOT AUTHORIZED | |

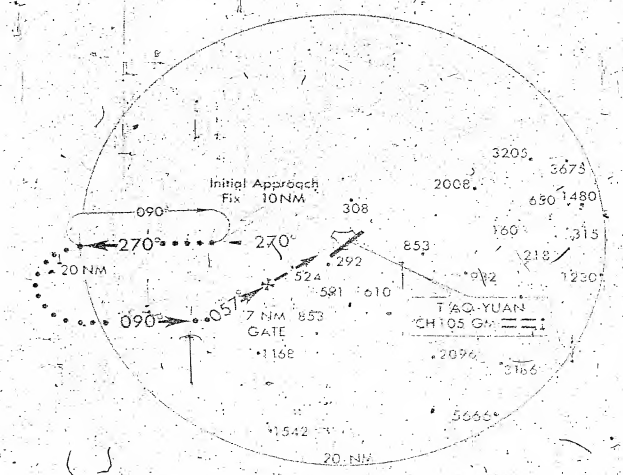
TACAN-RWY 18-1 15°16'N-100°18'E TAKHLI A/D

# TAKHLI

# TAOYUAN

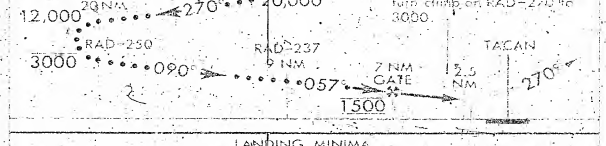
TACAN 202 T'AO-YUAN A/D

TAIPEI APP CON
362.8 119.7
GND TOWER
236.6 128.18
GND CON.
275.8
PAR-ASR




TA 18,000.
EMERG SAFE ALT 100 NM 15,100 MIN SAFE ALT 25 NM 8000

Left turn remain within 25 NM

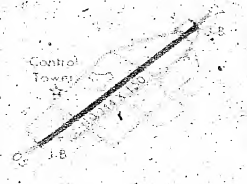



MISSED APPROACH
2.5 NM prior to TACAN: left turn climb on RAD-270 to 3000.

FIELD ELEV 147

| LANDING MINIMA | | |
|---|---|---|
| Straight-in | 500 MSL | 400-1 |
| Circling * | 600 MSL | 500-1 |

* Circling to Northwest only




TACAN 25°03'N-121°14'E T'AO-YUAN A/D

# TAOYUAN

Approved For Release 2009/07/08 : CIA-RDP69B00041R000400040018-2

Approved For Release 2009/07/08 : CIA-RDP69B00041R000400040018-2

| | | |
|---|---|---|
| Straight-in | 400 MSL | 300-1 |
| Circling | | |

TACAN-RWY 18-2 15°16'N-100°18'E TAKHLI A/D

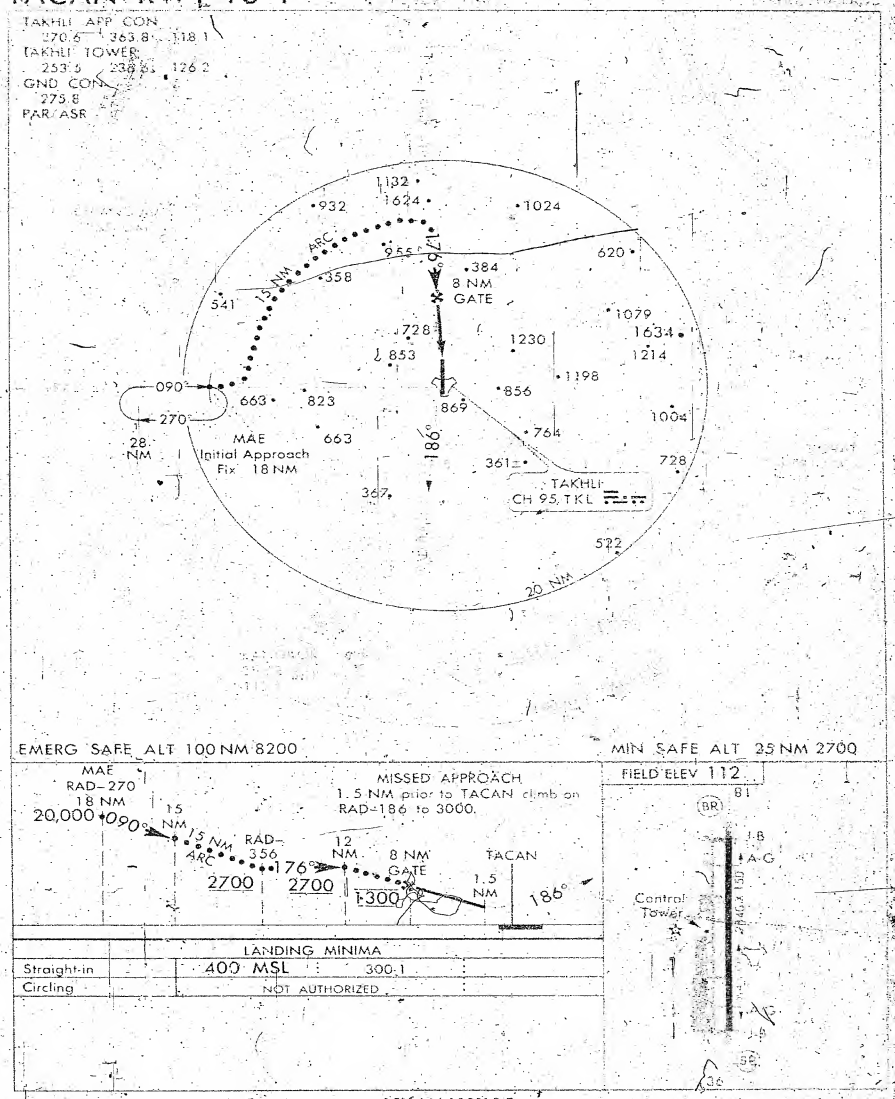
195

# TAKHLI

# TAKHLI

194

TACAN-RWY 18-1 TAKHLI A/D




| LANDING MINIMA | | |
|---|---|---|
| Straight-in | 400 MSL | 300-1 |
| Circling | NOT AUTHORIZED | |

TACAN-RWY 18-1 15°16'N-100°18'E TAKHLI A/D

# TAKHLI

Approved For Release 2009/07/08 : CIA-RDP69B00041R000400040018-2

Approved For Release 2009/07/08 : CIA-RDP69B00041R000400040018-2

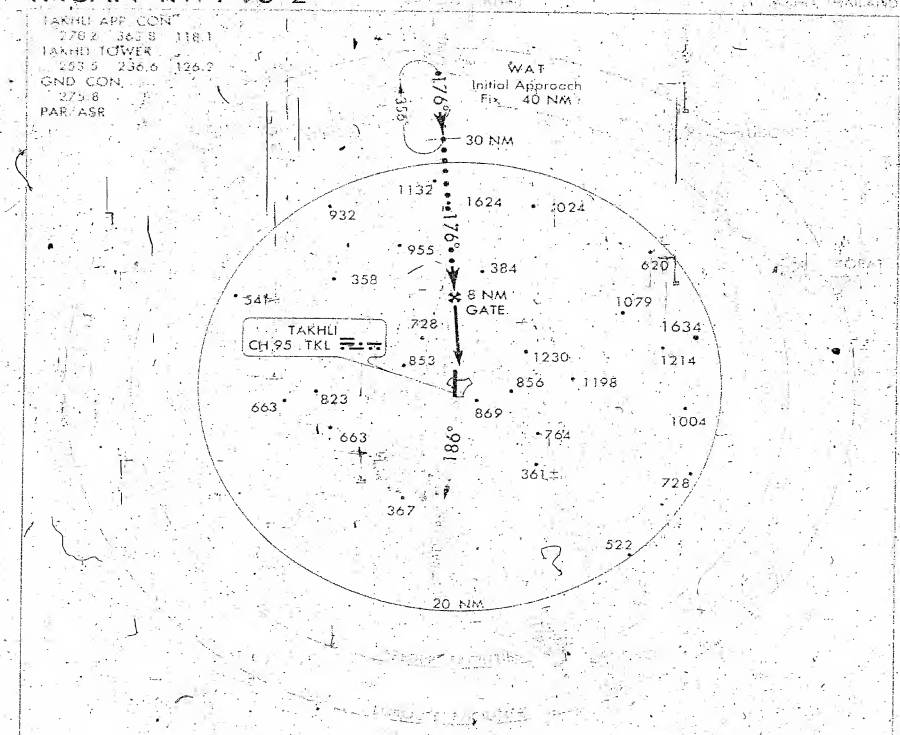
| | |
|---|---|
| Straight-in | |
| Circling | NOT AUTHORIZED |

TACAN-RWY 36 15°16'N-100°18'E TAKHLI A/D

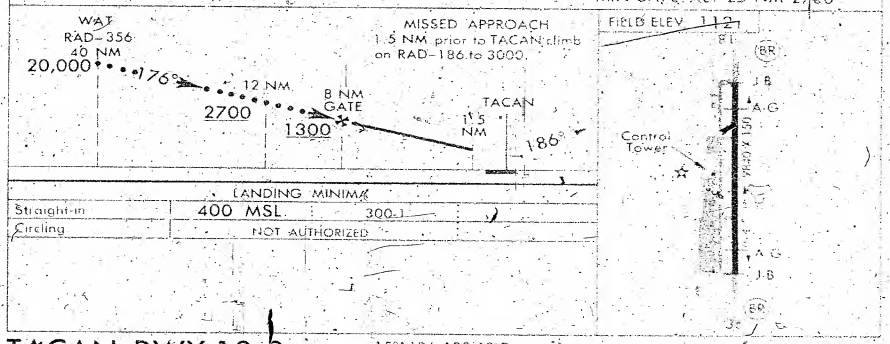
# TAKHLI

TAKHLI

TACAN-RWY 18-2 TAKHLI A/D




EMERG SAFE ALT 100 NM 8200 MIN SAFE ALT 25 NM 2700




| LANDING MINIMA | | |
|---|---|---|
| Straight-in | 400 MSL | 300-1 |
| Circling | NOT AUTHORIZED | |

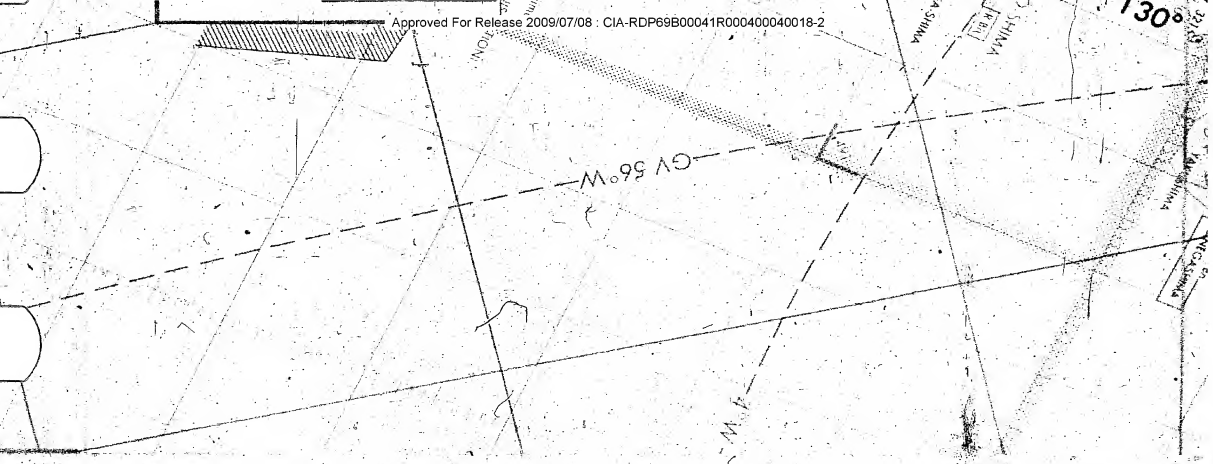
TACAN-RWY 18-2 15°16'N-100°18'E TAKHLI A/D

195

# TAKHLI

Approved For Release 2009/07/08 : CIA-RDP69B00041R000400040018-2

Approved For Release 2009/07/08 : CIA-RDP69B00041R000400040018-2

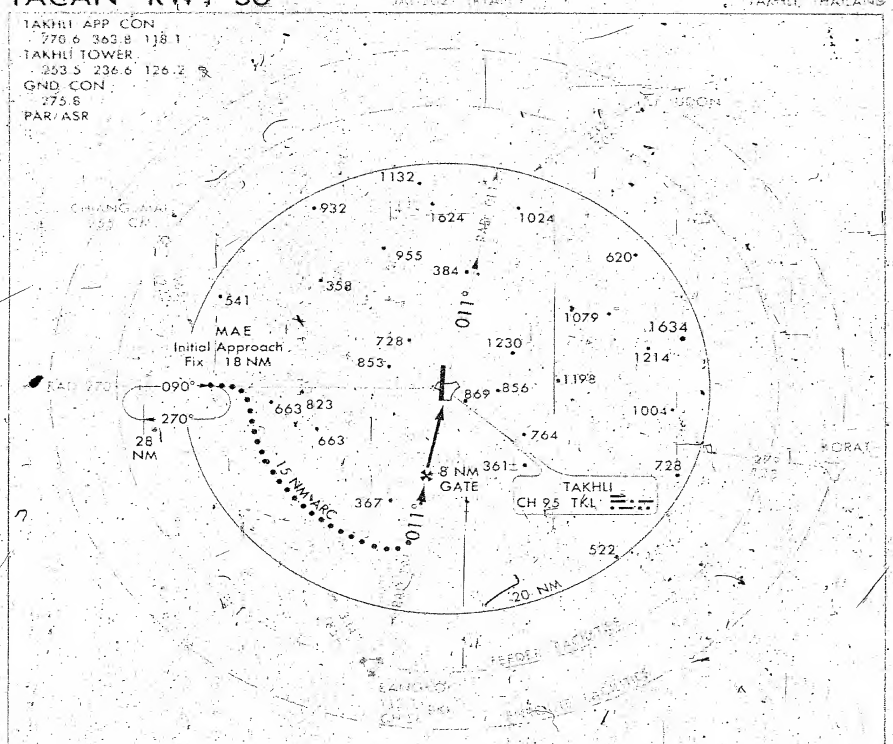



# TAKHLI

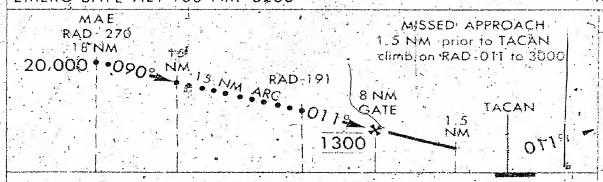
TACAN - RWY 36 196 TAKHLI A/D

TAKHLI, THAILAND

TAKHLI APP CON
270.6 363.8 118.1
TAKHLI TOWER
253.5 236.6 126.2
GND CON
275.8
PAR/ASR

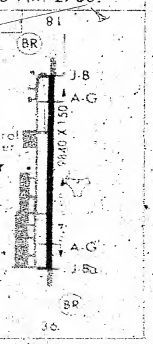



EMERG SAFE ALT 100 NM 8200 MIN SAFE ALT 25 NM 2700.




MISSED APPROACH
1.5 NM prior to TACAN
climb on RAD 011 to 3000

FIELD ELEV 112




| LANDING MINIMA | | |
|---|---|---|
| Straight-in | 400 MSL | 300-1 |
| Circling | NOT AUTHORIZED | |

TACAN-RWY 36 15°16'N-100°18'E TAKHLI A/D

# TAKHLI

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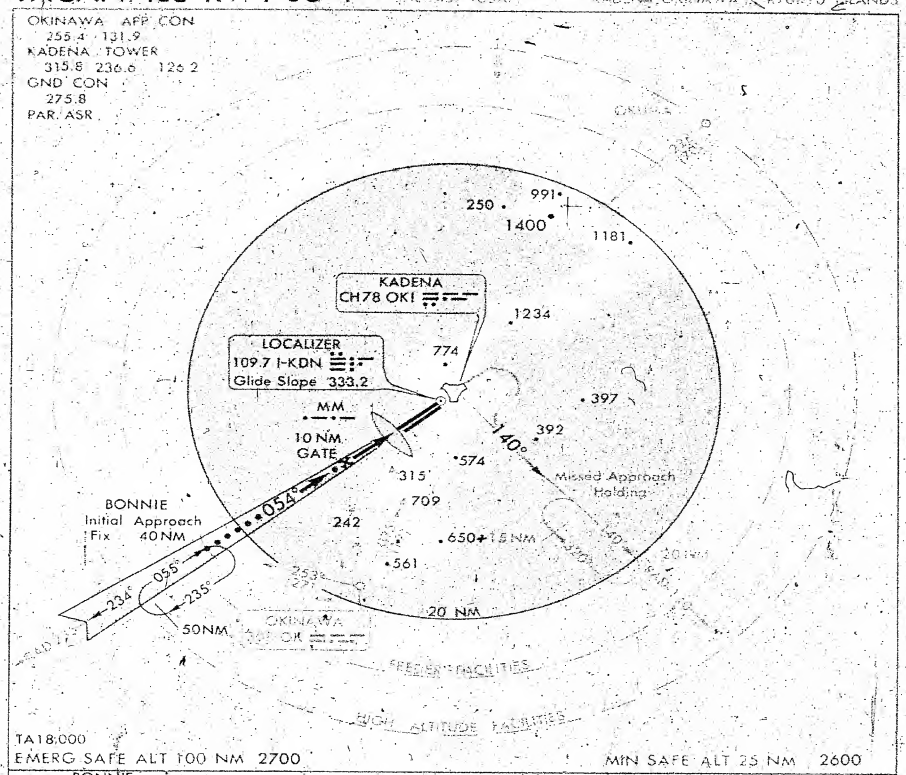
# KADENA

## TACAN/ILS-RWY 05-1

100
(AL 157 USAF)

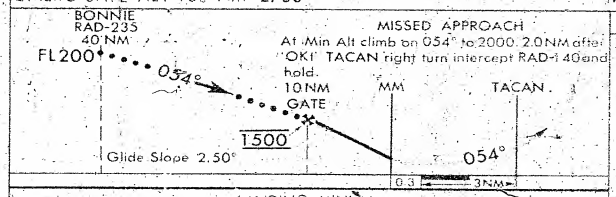
KADENA AB
KADENA, OKINAWA, RYUKYU ISLANDS




TA18,000

EMERG SAFE ALT 100 NM 2700

MIN SAFE ALT 25 NM 2600

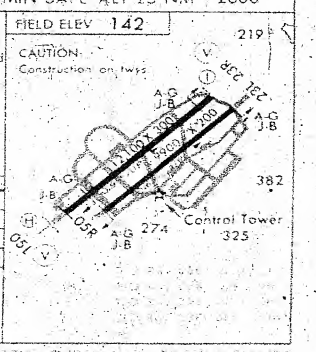



MISSED APPROACH

At Min Alt climb on 054° to 2000. 2.0 NM after "OKI" TACAN right turn intercept RAD-140 and hold.

FIELD ELEV 142

CAUTION:
Construction on twys




LANDING MINIMA

| | | |
|---|---|---|
| Str-in-ILS | 342 MSL | 200-½ or RVR 24 |
| Str-in-TACAN | 400 MSL | 300-1 |
| *Circling | 800 MSL | 700-1 |

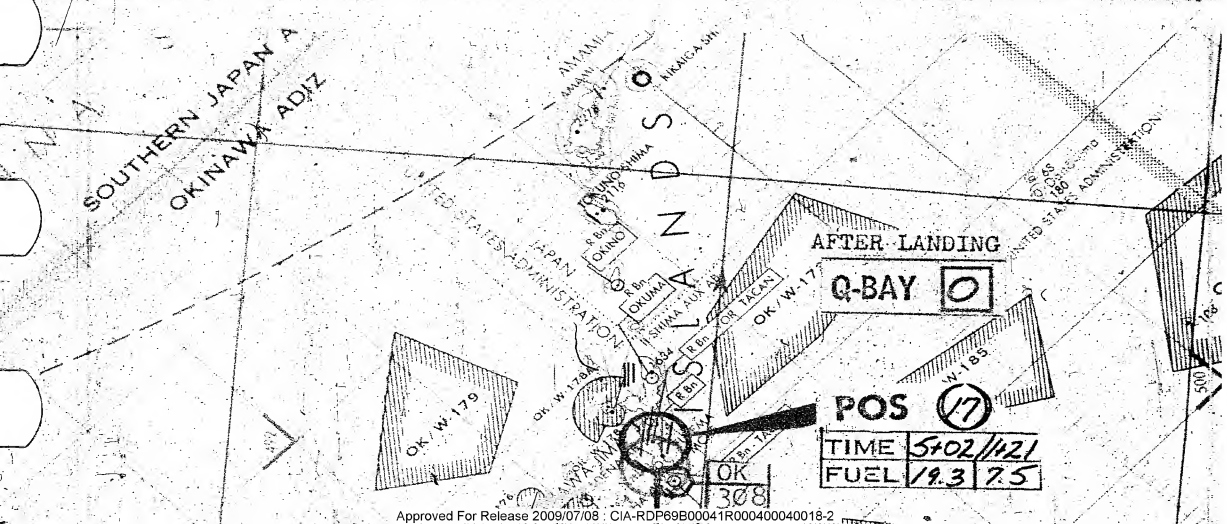
*Circling to East only.

TACAN/ILS-RWY 05-1 26°21'N-127°46'E

KADENA, OKINAWA, RYUKYU ISLANDS

KADENA AB

# KADENA

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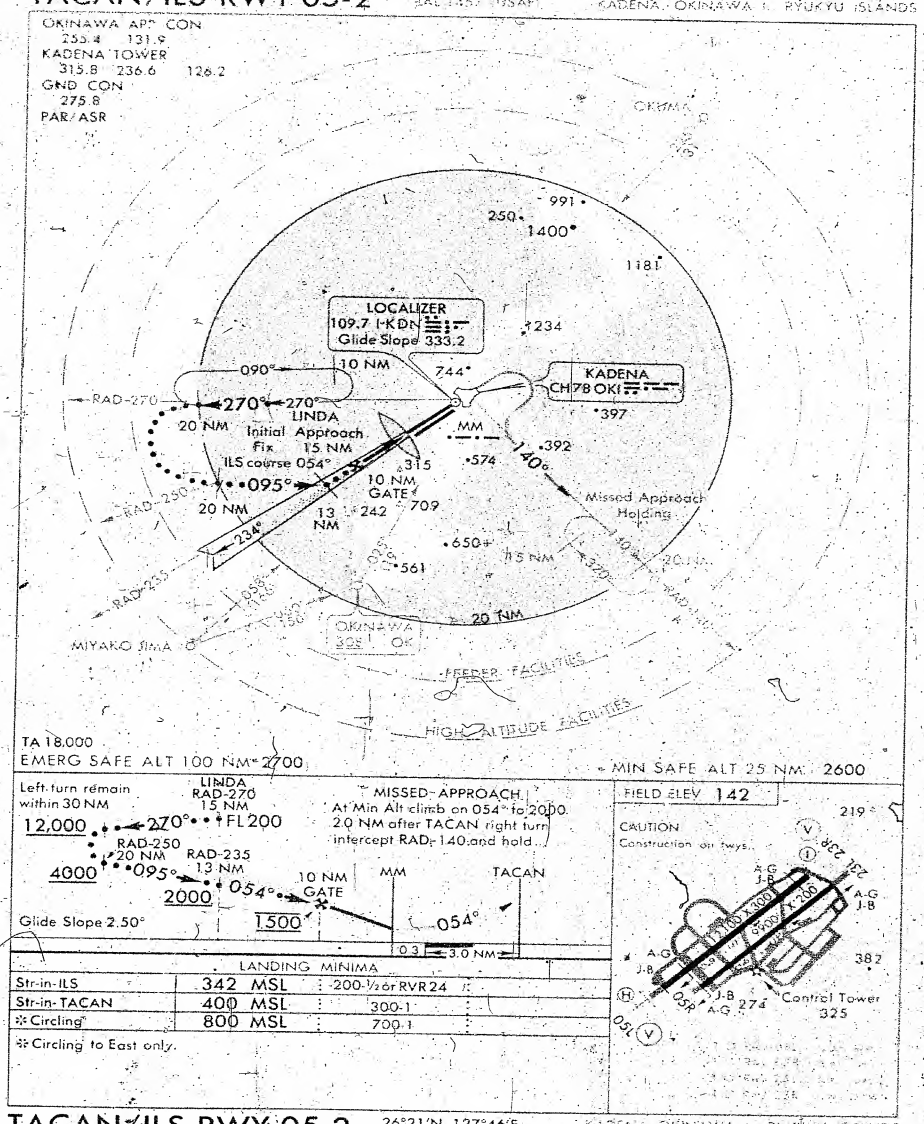
Approved For Release 2009/07/08 : CIA-RDP69B00041R000400040018-2

# KADENA

## TACAN/ILS-RWY 05-2

KADENA AB

KADENA, OKINAWA I. RYUKYU ISLANDS




| LANDING MINIMA | | |
|---|---|---|
| Str-in-ILS | 342 MSL | 200-½ or RVR 24 |
| Str-in-TACAN | 400 MSL | 300-1 |
| ✻Circling | 800 MSL | 700-1 |

✻Circling to East only.

TACAN/ILS-RWY 05-2 26°21'N-127°46'E KADENA, OKINAWA I. RYUKYU ISLANDS

101

KADENA AB

KADENA

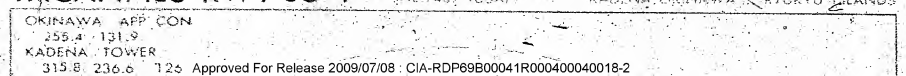
KADENA

100

## TACAN/ILS-RWY 05-1

KADENA AB

KADENA, OKINAWA I. RYUKYU ISLANDS

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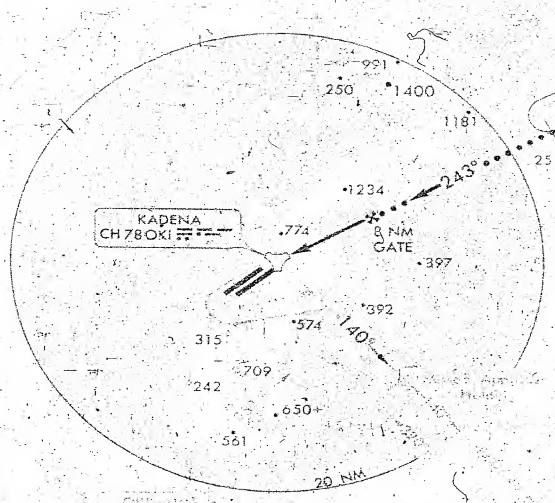
Approved For Release 2009/07/08 : CIA-RDP69B00041R000400040018-2

# KADENA

## TACAN-RWY 23-3

KADENA AB

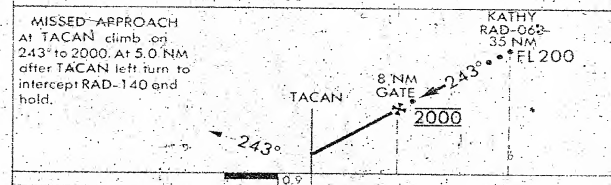
OKINAWA APP CON
255.4 131.9
KADENA TOWER
315.8 236.6 124.7
GND CON
375.8
PAR ASR




TA 18,000
EMERG SAFE ALT 100 NM 2700

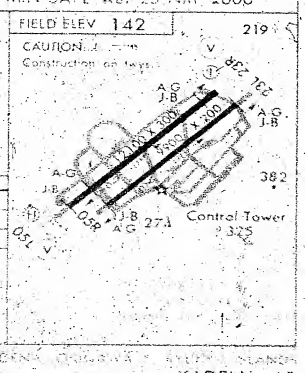
MIN SAFE ALT 25 NM 2600

MISSED APPROACH
At TACAN climb on 243° to 2000. At 5.0 NM after TACAN left turn to intercept RAD-140 and hold.




FIELD ELEV 142

CAUTION: Construction on taxiways




| LANDING MINIMA | | |
|---|---|---|
| Straight-in | 600 MSL | 500-1 |
| Circling * | 800 MSL | 700-1 |

* Circling to East only.

TACAN-RWY 23-3 26°21'N-127°46'E KADENA AB



KADENA

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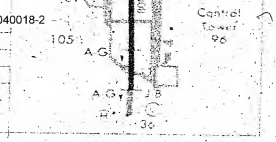
LANDING MINIMA

| | | |
|---|---|---|
| Str-in-ILS | | |
| Str-in-TACAN | 500 MSL | 500-1 |
| Circling* | 600 MSL | 600-1 |
| Str-in-LOC | 400 MSL | 400-1 |

*Circling to West only.

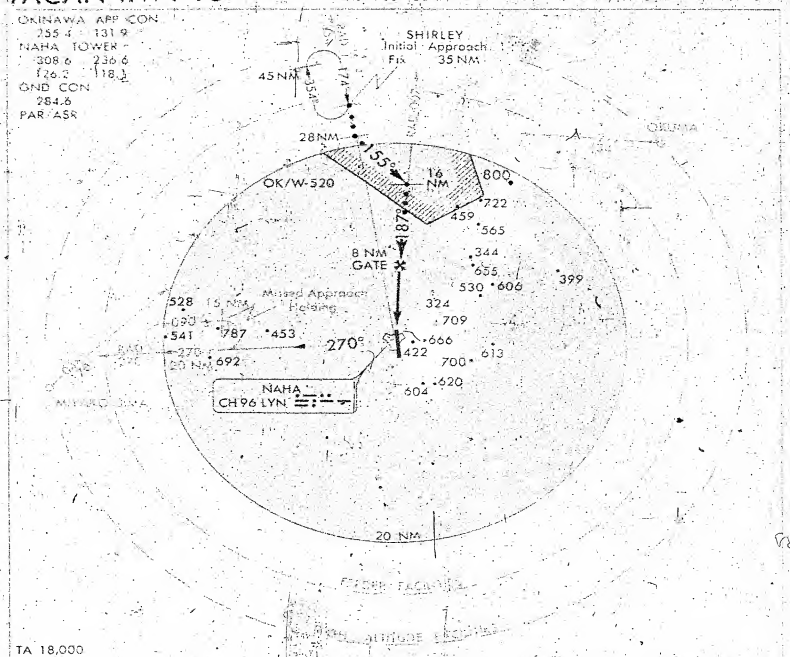



TACAN/ILS RWY 36-1 26°11'N–127°39'E 157 NAHA AB

# NAHA

# NAHA

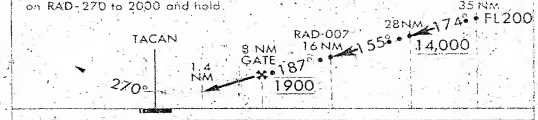
TACAN-RWY 18 156 NAHA AB




TA 18,000

EMERG SAFE ALT 100 NM 2700 MIN SAFE ALT 25 NM 2200

MISSED APPROACH.
1.4 NM prior to TACAN, right turn climb on RAD-270 to 2000 and hold.

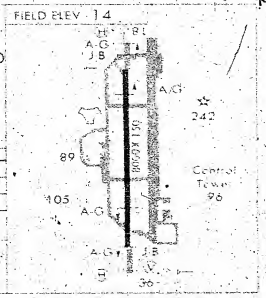



LANDING MINIMA

| | | |
|---|---|---|
| Straight-in | 400 MSL | 400-1 |
| Circling * | 600 MSL | 600-1 |

* Circling to West only.

FIELD ELEV 14




TACAN-RWY18 26°11'N–127°39'E NAHA AB

# NAHA

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TA 18,000
EMERG SAFE ALT 100 NM 2700

MISSED APPROACH
7 NM prior to TACAN, climb on RAD 270 to 2000 and hold.

MONA RAD 154 10 NM
Right turn remain within 25 NM
FL200 154° 11,000
TACAN MM 8 NM GATE 354° TACAN 3000
360° ILS
270° 1900
Glide Slope 2.50

MIN SAFE ALT 25 NM 2200

FIELD ELEV 14

| LANDING MINIMA | | |
|---|---|---|
| Str-in-ILS | 314 MSL | 300-1 |
| Str-in-TACAN | 500 MSL | 500-1 |
| Str-in-LOC | 400 MSL | 400-1 |
| Circling * | 600 MSL | 600-1 |

* Circling to West only

TACAN/ILS-RWY 36-2 26°11'N-127°39'E NAHA AB

# NAHA

# NAHA

TACAN/ILS RWY 36-1 AK 1733 (USAF) NAHA AB
NAHA OKINAWA I., RYUKYU IS

OKINAWA APP CON
255.4 131.9
NAHA TOWER
308.6 236.6
126.2 118.1
GND CON
284.6
PAR-ASR

HIGH SPEED TACHNET
FLUER FACILITIES
OKUMA

20 NM
OK / W 520
800
722
459
565
LOCALIZER
110.3 I-LYN
GLIDE SLOPE 335.0
344
655
399
NAHA
CH96 LYN
528
530 606
324
541 787
453
709
666
422
613
270°
MM
692
700
604
620
8 NM GATE
360°
354°
30NM
180
174
354°
RUTH
Initial Approach Fix 40NM

TA 18,000
EMERG SAFE ALT 100 NM 2700

MISSED APPROACH
1.7 NM prior to TACAN left turn, climb on RAD 270 to 2000 and hold.

RUTH RAD-174 30 NM 40 NM
TACAN MM 8 NM GATE 354° TACAN 354° FL200
360° ILS
270° 1900
Glide Slope 2.50

MIN SAFE ALT 25 NM 2200

FIELD ELEV 14

| LANDING MINIMA | | |
|---|---|---|
| Str-in-ILS | 314 MSL | 300-1 |
| Str-in-TACAN | 500 MSL | 500-1 |
| Circling* | 600 MSL | 600-1 |
| Str-in-LOC | 400 MSL | 400-1 |

*Circling to West only.

TACAN/ILS RWY 36-1 26°11'N-127°39'E NAHA AB
157

# NAHA

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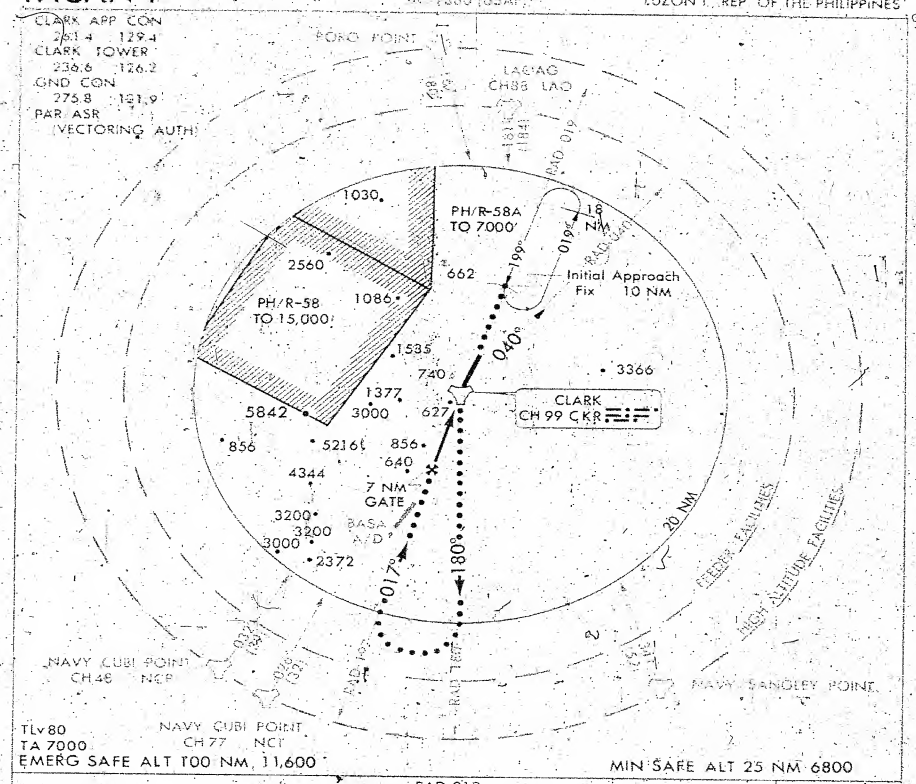
# CLARK

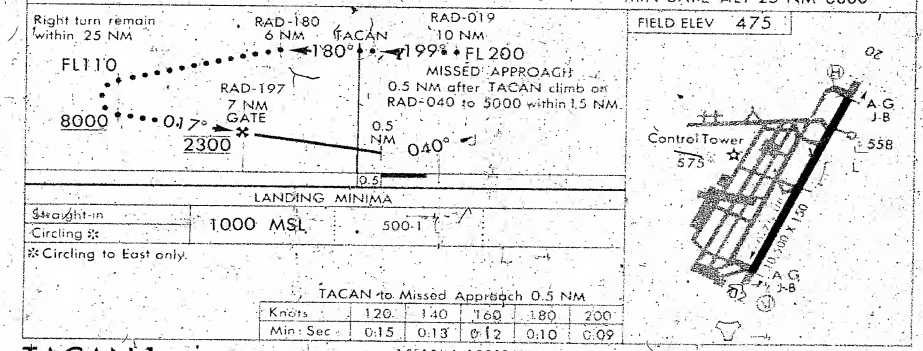
TACAN-1

CLARK AB
LUZON I., REP OF THE PHILIPPINES




TLv 80
TA 7000
EMERG SAFE ALT 100 NM 11,600

MIN SAFE ALT 25 NM 6800




FIELD ELEV 475




LANDING MINIMA

| | | |
|---|---|---|
| Straight-in | 1000 MSL | 500-1 |
| Circling * | | |

*Circling to East only.

TACAN to Missed Approach 0.5 NM

| Knots | 120 | 140 | 160 | 180 | 200 |
|---|---|---|---|---|---|
| Min : Sec | 0:15 | 0:13 | 0:12 | 0:10 | 0:09 |

TACAN-1

15°11'N–120°33'E



LUZON I., REP OF THE PHILIPPINES
CLARK AB

# CLARK

# NAHA

TACAN/ILS-RWY 36-2



NAHA AB

OKINAWA APP CON
NAHA TOWER
GND CON

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LANDING MINIMA

| | | |
|---|---|---|
| Str-in-ILS | 700 MSL | 200-½ |
| Str-in-TACAN | 900 MSL | 400-1 |
| Circling ✲ | 1000 MSL | 500-1 |
| Str-in-LOC | 800 MSL | 300-1 |

✲ Circling to East only.

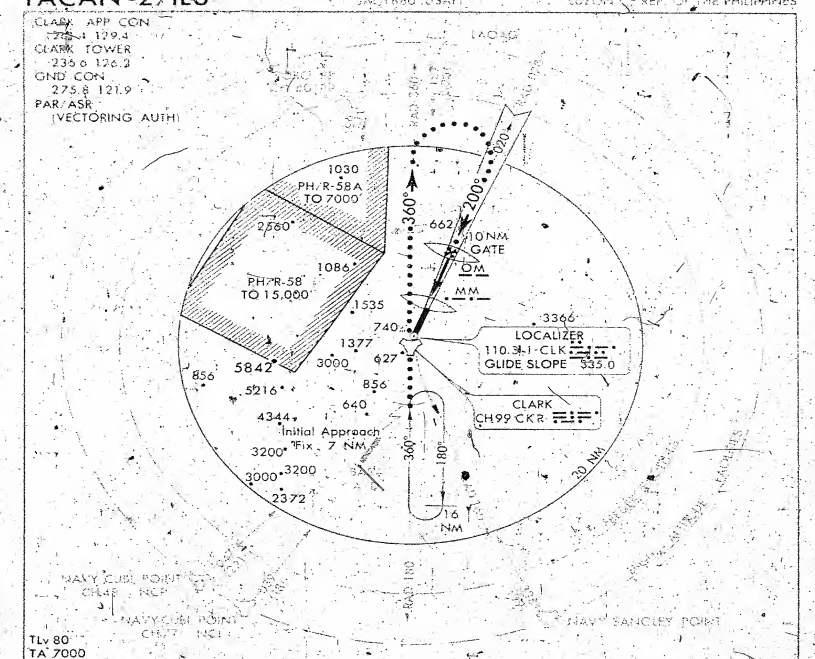
TACAN-3/ILS 15°11'N-120°33'E 55 CLARK AB

# CLARK

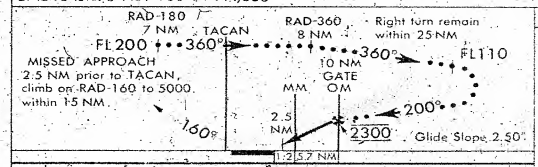
# CLARK

TACAN-2/ILS 54 CLARK AB

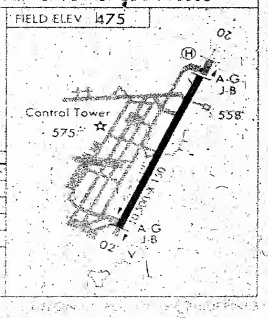
JAN 1960 (USAF) LUZON, REP. OF THE PHILIPPINES




TLv 80
TA 7000
EMERG SAFE ALT 100 NM 11,600 MIN SAFE ALT 25 NM 6800




FIELD ELEV 475




LANDING MINIMA

| | | |
|---|---|---|
| Str-in-ILS | 700 MSL | 200-½ |
| Str-in-TACAN | 900 MSL | 400-1 |
| Circling ✲ | 1000 MSL | 500-1 |
| Str-in-LOC | 800 MSL | 300-1 |

✲ Circling to East only.

TACAN-2/ILS 15°11'N-120°32'E CLARK AB

# CLARK

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LANDING MINIMA

| | | |
|---|---|---|
| Straight-in | 1000 MSL | 500-1 |
| Circling* | | |

* Circling to East only

TACAN to Missed Approach 0.5 NM

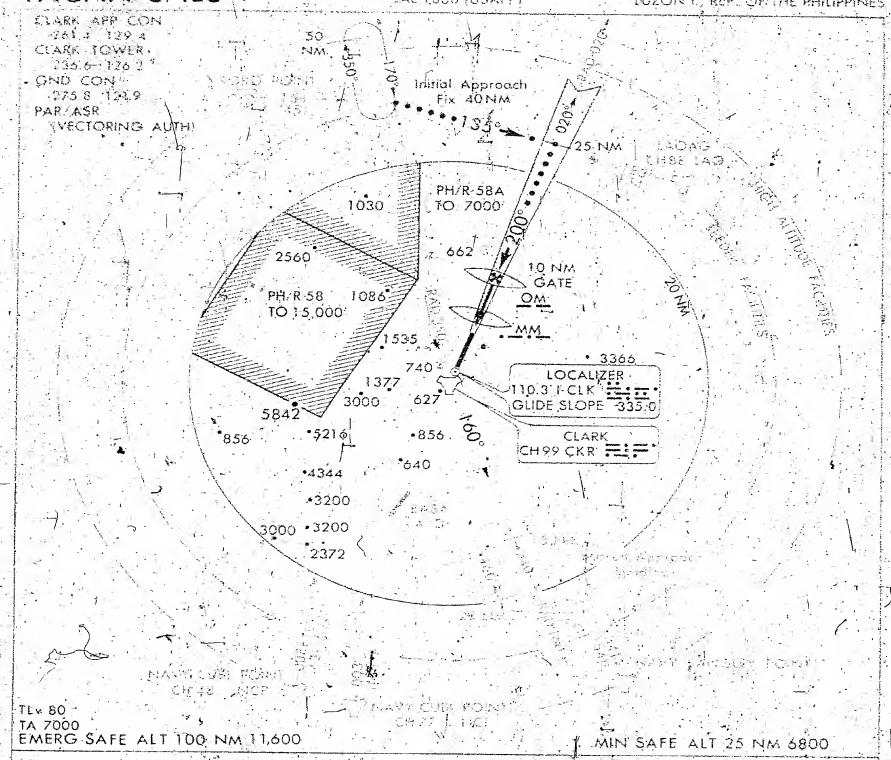
| Knots | 120 | 140 | 160 | 180 | 200 |
|---|---|---|---|---|---|
| Min:Sec | 0:15 | 0:13 | 0:12 | 0:10 | 0:09 |

TACAN-4 15°11'N-120°33'E LUZON I., REP. OF THE PHILIPPINES CLARK AB

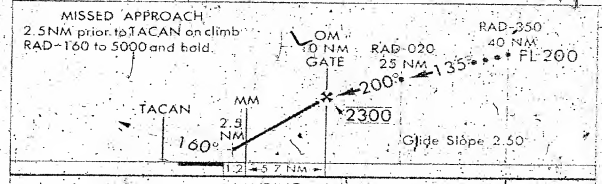
# CLARK

CLARK

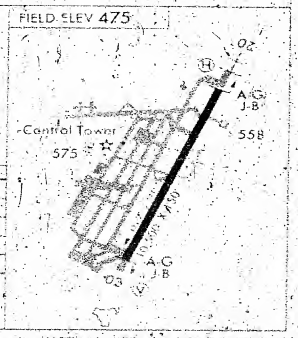
TACAN-3/ILS CLARK AB LUZON I., REP. OF THE PHILIPPINES




MISSED APPROACH
2.5NM prior to TACAN on climb
RAD-160 to 5000 and hold.




FIELD ELEV 475




LANDING MINIMA

| | | |
|---|---|---|
| Str-in-ILS | 700 MSL | 200-1 |
| Str-in-TACAN | 900 MSL | 400-1 |
| Circling* | 1000 MSL | 500-1 |
| Str-in-LOC | 800 MSL | 300-1 |

* Circling to East only.

TACAN-3/ILS 15°11'N-120°33'E LUZON I., REP. OF THE PHILIPPINES CLARK AB



CLARK

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25X1

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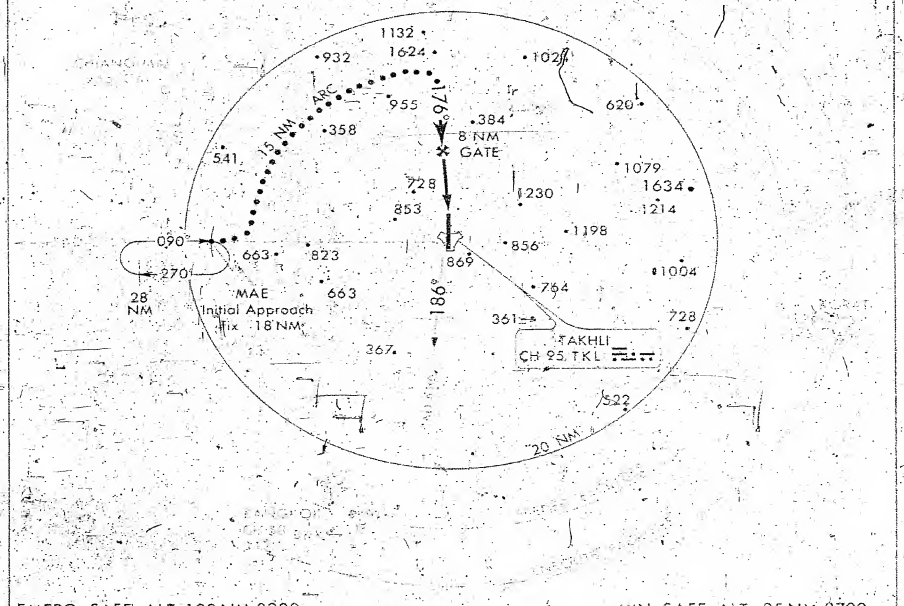
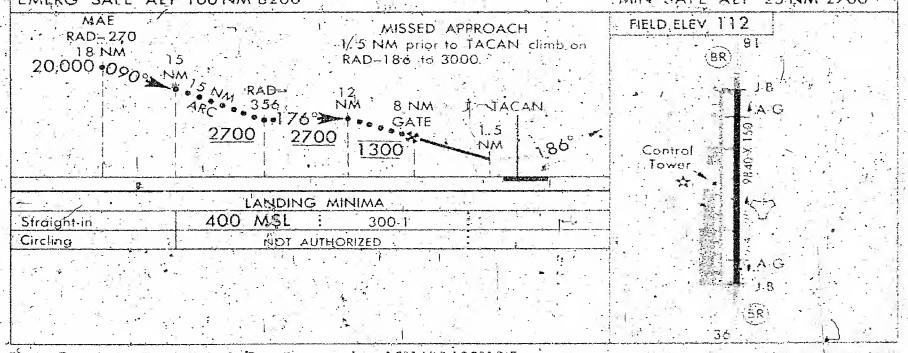
# TAKHLI

TACAN-RWY 18-1 194 TAKHLI A/D

TAKHLI APP CON
270.6 363.8 118.1
TAKHLI TOWER
253.5 236.6 126.2
GND CON
275.8
PAR/ASR




EMERG SAFE ALT 100 NM 8200 MIN SAFE ALT 25 NM 2700




| LANDING MINIMA | | |
|---|---|---|
| Straight-in | 400 MSL | 300-1 |
| Circling | NOT AUTHORIZED | |

TACAN-RWY 18-1 15°16'N-100°18'E TAKHLI A/D

# TAKHLI

# TAOYUAN

TACAN 202 TAO-YUAN A/D

TAIPEI APP CON
363.8 119.7
GND TOWER
236.6 126.18
GND CON
275.8
PAR/ASR

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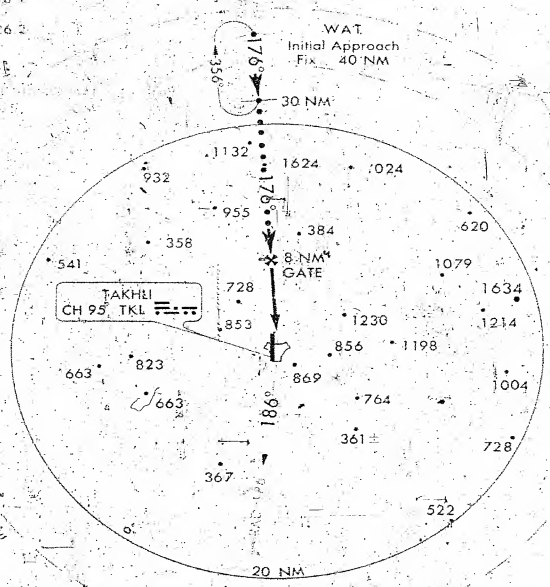
# TAKHLI

## TACAN-RWY 18-2

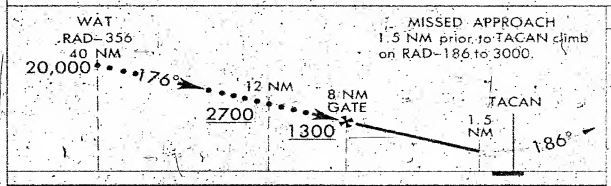
TAKHLI A/D

TAKHLI APP. CON
270.6 363.8 118.1
TAKHLI TOWER
255.5 236.6 126.2
GND CON
275.8
PAR/ASR



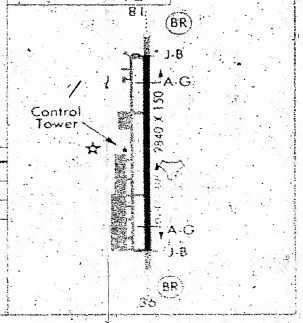

EMERG SAFE ALT 100 NM 8200

MIN SAFE ALT 25 NM 2700




MISSED APPROACH
1.5 NM prior to TACAN climb on RAD-186 to 3000.

FIELD ELEV 112




| LANDING MINIMA | | |
|---|---|---|
| Straight-in | 400 MSL | 300-1 |
| Circling | NOT AUTHORIZED | |

TACAN-RWY 18-2 15°16'N-100°18'E TAKHLI A/D



TAKHLI

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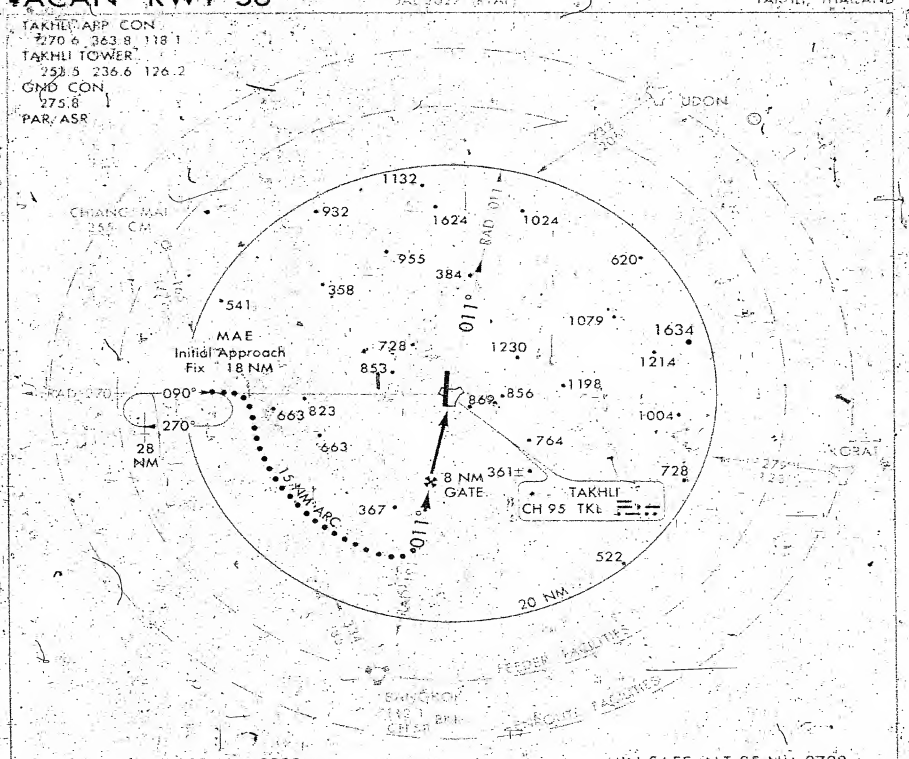
# TAKHLI

196

JAL 2627 (PIAF)

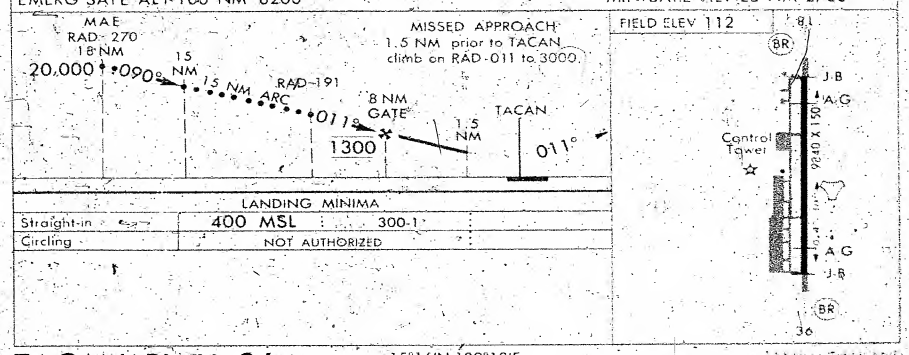
## TACAN - RWY 36

TAKHLI A/D
TAKHLI, THAILAND




EMERG SAFE ALT 100 NM 8200

MIN SAFE ALT 25 NM 2700




| LANDING MINIMA | | |
|---|---|---|
| Straight-in | 400 MSL | 300-1 |
| Circling | NOT AUTHORIZED | |

TACAN-RWY 36

15°16'N-100°18'E

TAKHLI A/D

# TAKHLI

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REWIND

THE END

ROUTE RT 9

BX 6709

FS 13

STRIP

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TOP SECRET

STOP

REWIND

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End

BX-6709

ROUTE #9

FS-#13 19 July '67

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End

BX-6709

ROUTE #9

FS-#13 19 JUL 67

E

BX-6

ROUTE

FS-#

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